

**Iowa Department of Natural Resources
Title V Operating Permit**

Name of Permitted Facility: Quaker Manufacturing, LLC

**Facility Location: 418 Second Street NE
Cedar Rapids, IA 52401**

Air Quality Operating Permit Number: 03-TV-022R3

Expiration Date: June 30, 2026

Permit Renewal Application Deadline: December 30, 2025

EIQ Number: 92-9200

Facility File Number: 57-01-027

Responsible Official

Name: Marion Hardeman

Title: Sr. Director – Plant Operations

Mailing Address: 418 Second Street NE, Cedar Rapids, IA 52401

Phone #: (319) 368-1647

Permit Contact Person for the Facility

Name: David G. Schill, CHMM

Title: Environmental Manager

Mailing Address: 418 Second Street NE, Cedar Rapids, IA 52401

Phone #: (319) 368-1530

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources



6/30/2021

Marnie Stein, Supervisor of Air Operating Permits Section

Date

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Abbreviations

acfm.....	actual cubic feet per minute
ATI.....	authorization to install
CH.....	Cleaning House
CFR.....	Code of Federal Regulation
CE.....	control equipment
DC.....	dust collector
°F.....	degrees Fahrenheit
D.....	Downward discharge
EIQ.....	emissions inventory questionnaire
EP.....	emission point
EU.....	emission unit
gpm.....	gallon per minute
gr./dscf.....	grains per dry standard cubic foot
I.....	inside-vent inside building
IAC.....	Iowa Administrative Code
IDNR.....	Iowa Department of Natural Resources
IQO.....	Instant Quaker Oatmeal
LCPH.....	Linn County Public Health
LCCO.....	Linn County Ordinance
MVAC.....	motor vehicle air conditioner
NAICS.....	North American Industry Classification System
N/A.....	not applicable
NSPS.....	new source performance standard
ppmv.....	parts per million by volume
lb./hr.....	pounds per hour
lb./MMBtu.....	pounds per million British thermal units
PTO.....	permit to operate
RTE.....	Ready to Eat
scfm.....	standard cubic feet per minute
SIC.....	Standard Industrial Classification
TPH.....	tons per hour
TPY.....	Tons per year
USEPA.....	United States Environmental Protection Agency
V.....	Vertical (without rain cap or with unobstructing rain cap)
VR.....	Vertical, with obstruction rain cap

Pollutants

CO.....	carbon monoxide
HAP.....	hazardous air pollutant
NO _x	nitrogen oxides
PM.....	particulate matter
PM ₁₀	particulate matter ten microns and less in diameter
PM _{2.5}	particulate matter two point five microns and less in diameter
SO ₂	sulfur dioxide
VHAP.....	volatile hazardous air pollutant
VOC.....	volatile organic compound

I. Facility Description and Equipment List

Facility Name: Quaker Manufacturing, LLC

Permit Number: 03-TV-022R3

Facility Description: Cereal Breakfast Food Manufacturer (SIC 2043); Breakfast Cereal Manufacturing (NAICS 311230); Flavoring Syrup and Concentrate Manufacturing (NAICS 311930); Flour Milling (NAICS 311211)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
A01	EUA01	Elevator D Grain Handling System	6948 / 6683
A07	EUA07	Elevator A Hull Transfer System	5477 / 5242
A13	EUA13	Elevator G Transfer / Conveying System	6708 / 6487
A17	EUA17	Elevator G Grain Unloading & Transfer System A	5552 / 5430
A18	EUA18	Elevator G Grain Unloading & Transfer System B	5553 / 5431
A21	EUA21	Bridges Transfer / Conveying System A	5554 / 5432
A25	EUA25	Elevator G Aeration Bin 124	337 / 405
A26	EUA26	Elevator G Aeration Bin 126	4779 / 2203
A27	EUA27	Elevator G Aeration Bin 128	4780 / 2204
A28	EUA28	Elevator G Aeration Bin 130	4781 / 2205
A29	EUA29	Elevator G Aeration Bin 132	4782 / 2206
A30	EUA30	Elevator G Aeration Bin 134	4783 / 2207
A31	EUA31	Elevator G Aeration Bin 158	4784 / 2208
A32	EUA32	Elevator G Aeration Bin 160	4785 / 2209
A33	EUA33	Elevator G Aeration Bin 162	4786 / 2211
A34	EUA34	Elevator G Aeration Bin 164	4787 / 2210
A37	EUA37	Elevator G Grain Cleaning & Elevator Legs	6962 / 6684
A38	EUA38	Elevator G Bin Top Grain Handling System A	6963 / 6685
A39	EUA39	Elevator E/F Grain Handling System	5557 / 5435
A40	EUA40	Screenings Storage Bin, CH #1	5786 / 5493
A41	EUA41	Elevator G Basement Grain Handling System A	6862 / 6647
A42	EUA42	Elevator A Bin Top Grain Handling System B	5831 / 5568
A43	EUA43	Elevator A Basement Grain Handling System A	5832 / 5569
A44	EUA44	Elevator G Basement Grain Handling System B	5559 / 5437
A45	EUA45	Elevator G Aeration Bin 58	2525 / 2544
A46	EUA46	Elevator G Aeration Bin 60	2524 / 2543
A47	EUA47	Elevator G Aeration Bin 62	2523 / 2542
A48	EUA48	Elevator G Aeration Bin 64	2522 / 2541
A49	EUA49	Elevator G Aeration Bin 66	2521 / 2540
A50	EUA50	Elevator G Aeration Bin 68	2520 / 2550
A51	EUA51	Elevator G Aeration Bin 78	2519 / 2539
A52	EUA52	Elevator G Aeration Bin 80	2518 / 2538
A53	EUA53	Elevator G Aeration Bin 82	2517 / 2537
A54	EUA54	Elevator G Aeration Bin 84	2516 / 2536
A55	EUA55	Elevator G Aeration Bin 86	2515 / 2535
A56	EUA56	Elevator G Aeration Bin 88	2514 / 2534
A57	EUA57	Elevator G Aeration Bin 90	2513 / 2533
A58	EUA58	Elevator G Aeration Bin 92	2512 / 2527
A59	EUA59	Elevator G Aeration Bin 102	2511 / 2548
A60	EUA60	Elevator G Aeration Bin 104	2510 / 2532
A61	EUA61	Elevator G Aeration Bin 106	2509 / 2531

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
A62	EUA62	Elevator G Aeration Bin 108	2508 / 2530
A63	EUA63	Elevator G Aeration Bin 110	2507 / 2529
A64	EUA64	Elevator G Aeration Bin 112	2506 / 2528
A65	EUA65	Elevator G Aeration Bin 114	2505 / 2549
A66	EUA66	Elevator G Aeration Bin 116	2504 / 2545
A67	EUA67	Elevator G Aeration Bin 136	2503 / 2547
A68	EUA68	Elevator G Aeration Bin 138	2502 / 2546
A71	EUA71	Elevator A Bin Top & Bridge System	5478 / 5243
A72	EUA72	Elevator C Bin #3 (Northstar) Bottom; Bin #41 Top & Bottom; Bridge System B	5685 / 5373
B04	EUB04	Corn Mills Cleaning House Process	3705 / 3716
B07	EUB07	#3 PMC Trim Cutter	6227 / 6001
B08	EUB08	Corn Milling Process A, Mill A	4361 / 4385
B09	EUB09	Corn Mill A General Process Dust Filter	4106 / 4262
B10	EUB10A	Corn Milling Process C, Mill A	5966 / 5643
	EUB10B	Snack Grits	
B11	EUB11	Snack Grits Gravity Table	5707 / 5464
B22	EUB22	Bran Grinder System, Corn Mill	1860 / 1814
B24	EUB24	Corn Mill Fine Grinder	2643 / 3019
B25	EUB25	Corn Milling Process A & B, Mill B	5787 / 5491
B26	EUB26	Corn Milling Mill A, Grit & Germ Separation	5788 / 5492
B27	EUB27	Corn Mill A Flour Grinder I Exhaust	4108 / 4111
B28	EUB28	Corn Mill A Flour Grinder II Exhaust	4109 / 4112
B29	EUB29	Grits Drum Dryers #1-4 Exhaust	4110 / 4337
B30	EUB30	Grits Drum Dryers #5-8 Exhaust	4111 / 4338
B31	EUB31	Cooked Grits Dust Collection Exhaust	4112 / 4339
B33	EUB33	Corn Mill B, Finished Product Dryer	4313 / 4386
B34	EUB34	Corn Milling Process C, Mill B	5188 / 5173
B35	EUB35	Corn Mill A & B Hominy System Grinder	4512 / 4546
B36	EUB36	Corn Mill Dry Mix Hopper	4961 / 4954
D01	EUD01	Primary Large Oat Aspiration #1	5743 / 5545
D02	EUD02	Primary Large Oat Aspiration #2	5744 / 5546
D03	EUD03	Oat Cleaning Process System A	6278 / 6056
D04	EUD04	Primary Large Oat Aspiration #3	5745 / 5547
D05	EUD05	General Dust Collection	5967 / 5644
D06	EUD06	Oats Dryer / Cooler #1	7442 / --
D07	EUD07	Oat Cleaning Process System C	5919 / 5605
D08	EUD08	Oats Dryer / Cooler #2	7443 / --
D09	EUD09	Oats Dryer / Cooler #3	7444 / --
D10	EUD10	Oats Dryer / Cooler #4	7445 / --
D11	EUD11	Oats Dryer / Cooler #5	7446 / --
D12	EUD12	Oats Dryer / Cooler #6	7447 / --
D13	EUD13	Oats Dryer / Cooler #7	7448 / --
D14	EUD14	Oat Cleaning Process System D	5920 / 5606
D15	EUD15	Secondary Large Oat Aspiration #1	5747 / 5549
D16	EUD16	Secondary Large Oat Aspiration #2	5748 / 5550
D17	EUD17	Oats Transfer / Packaging System A	170 / 98
D18	EUD18	Secondary Large Oat Aspiration #3	5749 / 5551
D19	EUD19	Primary Stub Oat Aspiration	5750 / 5552
D20	EUD20	Secondary Stub Oat Aspiration	5751 / 5553
D21	EUD21	Oat Rolling and Transfer System A	5176 / 5140
D23	EUD23	Elevator C, Bin #3 Airlock	5741 / 5461
D24	EUD24	Pneumatic Transfer System – Steel Cut Oats	7123 / 6929
D25	EUD25	CH2 General Dust Collection	6279 / 6057
D26	EUD26	CH2 Grading Gravity Tables (2)	5922 / 5608
D27	EUD27	Oat Bran Flour Bin-top (Bin #4)	5737 / 5465

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
D28	EUD28	Oat Rolling System G	-- / 1729
D29	EUD29	Oat Cleaning Process System K	5923 / 5609
D30	EUD30	Oat Flour Bliss Mill System #1	6761 / 6539
D31	EUD31	Oat Flour Filter Receiver System #1	6762 / 6540
D32	EUD32	Oat Flour Bliss Mill System #2	6763 / 6541
D33	EUD33	Oat Flour Filter Receiver System #2	6764 / 6542
D34	EUD34	CH2 Grading Gravity Tables (2)	5925 / 5611
D35	EUD35	Super Sack Flour	6171 / 5937
D36	EUD36	Oat Flour Mill General Dust Collection System #1	6765 / 6543
D37	EUD37	Oat Flour Mill General Dust Collection System #2	6766 / 6544
D38	EUD38	Oat Conveying / Transfer Process B	1351 / 1395
D39	EUD39	Pneumatic Transfer Systems – Groat Storage	5181 / 5141
D40	EUD40	CH2 Oat Cleaning Process System E	6307 / 6086
D41	EUD41	Project Big Oat Aspirators	5942 / 5640
D42	EUD42	Oat Rolling System 1	6524 / 6259
D43	EUD43	Oat Cleaning Process System F	5837 / 5574
D44	EUD44	B-Grade, A-Grade, Instant, Track 5, Elevator D Blowers	4885 / 4845
D45	EUD45	Oats / Instant Oats Processing / Transfer System A	5487 / 5253
D46	EUD46	Grading Gravity Tables (2)	5752 / 5554
D47	EUD47	CH2 General Dust Collection	5968 / 5645
D49	EUD49	CH2 Grading Gravity Table (1)	5754 / 5556
D50	EUD50	Oat Cleaning Process System H	5792 / 5497
D51	EUD51	Oat Cleaning Process System I	5793 / 5498
D52	EUD52	Oat Cleaning Process System J	5794 / 5499
D53	EUD53	Oat Pro Processing System	5795 / 5500
D54	EUD54	Groats Transfer System to Milling & Two Flaking Rolls Aspiration	4150 / 4259
D55	EUD55	Oat Flour Mill General Dust Collection	6820 / 6565
D56	EUD56	Elevator C, Bin #3	5560 / 5438
D57	EUD57	C-Mill / Truck 13 Groat Transfer System	5020 / 5039
D58	EUD58	SQO Storeveyor	7243 / 6962
D59	EUD59	Project Big Oat-General Dust Collection	6525 / 6260
D60	EUD60	Dirty Oats Filter Receiver #1	5391 / 5408
D61	EUD61	Dirty Oats Filter Receiver #2	5392 / 5409
D62	EUD62	300 V Gravity Table	5393 / 5410
D63	EUD63	Light Oats Primary Aspiration Filter Receiver	5394 / 5411
D64	EUD64	Light Oats Secondary Aspiration Filter Receiver	5395 / 5412
D65	EUD65	Light Oats Destoner Filter Receiver	5396 / 5413
D66	EUD66	90V Gravity Table	5397 / 5414
D67	EUD67	Heavy Oats Primary Aspiration Filter Receiver	5398 / 5415
D68	EUD68	Heavy Oats Secondary Aspiration Filter Receiver	5399 / 5416
D69	EUD69	Heavy Oats Destoner Filter Receiver	5400 / 5417
D71	EUD71	Dried Groats Aspiration Filter Receiver	5401 / 5418
D72	EUD72	B Grade Gravity Table	5402 / 5419
D73	EUD73	Chips Surge Bin Supply Cyclone Receiver	5403 / 5420
D74	EUD74	General Dust Collection #1	5404 / 5421
D75	EUD75	General Dust Collection #2	5405 / 5422
D76	EUD76	General Sanitation Vacuum System	5406 / 5423
D77	EUD77A	CH #3 Grading Gravity Table	5687 / 5406
	EUD77B	CH #3 Grading Gravity Table	
D78	EUD78	A Grade Groat Transfer to C-Mill Filter Receiver	5407 / 5424
D79	EUD79	A Grade Groat Transfer to Elevator D Filter Receiver	5408 / 5425
D80	EUD80	B Grade Groat Transfer to C-Mill Filter Receiver	5409 / 5426
D81	EUD81	B Grade Groat Transfer to Elevator D Filter Receiver	5410 / 5427
D82	EUD82	MIAG Kiln #1	5411 / 5428
	EUD83	MIAG Kiln #2	
D85	EUD85	CH2 Gravity Tables & New Aspirator	6280 / 6058

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
D86	EUD86	CH3 Gluten Free System	6724 / 6536
D87	EUD87	CH2 Groat Recovery Aspiration	6883 / 6649
D88	EUD88	CH2 Groat Recovery Reclaim Destoner	6884 / 6650
D89	EUD89	CH2 North Star System	6949 / 6769
E06	EUE06	Unground Oat Hull Conveying	7495 / --
E09	EUE09	Elevator D, Storage Bin #9	377 / 292
E27	EUE27	By-Products Truck Loadout System	5021 / 5055
E31	EUE31	Pneumatic Conv. Of Grain By-Products to Elevator D, Bin #8	4245 / 4286
E32	EUE32	Processed Mixed Flours	2089 / 2240
E33	EUE33	Elevator D, Storage Bin #4	2102 / 2293
E34	EUE34	Elevator D, Storage Bin #5	2102 / 2294
E35	EUE35	Pneumatic Conv. Of Grain By-Products to Elevator D, Bin #3	4246 / 4287
E39	EUE39	Railcar Unloading, Sugar	3466 / 3407
E40	EUE40	Pancake Annex Sugar Storage Bin	7258 / 6981
E41	EUE41	Pneumatic Conveyance Of Oat Hulls to Elevator D, Bin #6	4201 / 4260
E42	EUE42	East Oat Hull Truck Loadout System	4471 / 4707
E43	EUE43	West Oat Hull Truck Loadout System	4472 / 4708
F01	EUF01	Maintenance Paint Spray Booth Exhaust	3760 / 3711
	EUF01A		
	EUF01B		
	EUF01C		
FG01	EUFG01	Fugitives – Elevator G Unloading System A	FUGITIVE
FG02	EUFG02	Fugitives – Elevator G Grain Unloading System B	FUGITIVE
FG03	EUFG03	Fugitives – Tracks #8 / #9 Loadout System	FUGITIVE
FG06	EUFG06	Fugitives – Grain Fumigation	FUGITIVE
G05	EUG05	Storage Bin, C Mill Bin Annex, Bin #12	373 / 288
G06	EUG06	Storage Bin, C Mill Bin Annex, Bin #13	372 / 287
G07	EUG07	Storage Bin, C Mill Bin Annex, Bin #14	371 / 286
G08	EUG08	Storage Bin, C Mill Bin Annex, Bin #4	-- / 1722
G09	EUG09	Storage Bin, C Mill Bin Annex, Bin #15	660 / 819
G10	EUG10	Clybourn Packaging Line – Surge Bin	2097 / 2237
G11	EUG11	Storage Bin, Warehouse #6, Bin #1	3312 / 3409
G12	EUG12	Storage Bin, Warehouse #6, Bin #2	3738 / 3713
G13	EUG13	Storage Bin, Warehouse #6, Bin #3	3315 / 3411
G14	EUG14	Storage Bin, Warehouse #6, Bin #4	3739 / 3714
H01	EUH01	Cornmeal Storage Bin, C Mill, 11 th Floor	279 / 264
H07	EUH07	Farina Transfer / Packaging System	370 / 285
H13	EUH13	Oats Transfer / Packaging System B	2005 / 812
H15	EUH15	IQO Lines 1 & 5	7432 / 7130
H16	EUH16	IQO Lines 4 & 6	7433 / 7131
H18	EUH18	Gluten Free Cutting & Flaking Systems	6725 / 6534
H20	EUH20	Oat Tube Cleaning Process	5797 / 5502
H21	EUH21	Paper Trim Large Round	5740 / 5466
H22	EUH22	Gluten Free Groat Receiving System	6726 / 6535
H23	EUH23	IQG Line #2 Top Sealer	6755 / 6537
H24	EUH24	IQO Lines #9 & #10 Dust Collection	7256 / 7006
H25	EUH25	PC Mix Transfer System	7500 / --
H26	EUH26	PC Mix Sugar Transfer System	7501 / --
H27	EUH27	PC Mix General Dust Collector	7502 / --
H28	EUH28	PC Mix Minor Ingredient Transfer	7503 / --
J27	EUJ27	Storage Bin, C Mill Bin Annex, Bin #1	6298 / 6098
J28	EUJ28	Storage Bin, C Mill Bin Annex, Bin #2	-- / 1695
J29	EUJ29	Storage Bin, C Mill Bin Annex, Bin #6	-- / 1694
J30	EUJ30	Storage Bin, C Mill Bin Annex, Bin #7	-- / 1693
J31	EUJ31	Storage Bin, C Mill Bin Annex, Bin #3	-- / 1692
J32	EUJ32	Storage Bin, C Mill Bin Annex, Bin #5	2156 / 2100

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
J33	EUJ33	Storage Bin, C Mill Bin Annex, Bin #10	3468 / 3413
J36	EUJ36	Storage Bin, C Mill Bin Annex, Bin #16	2857 / 3034
J45	EUJ45	Storage Bin, C Mill Bin Annex, Bin #16	3876 / 3929
J46	EUJ46	C-Mill Annex Reject Dust Collector	4962 / 4955
J47	EUJ47	Groat Loadout	7266 / 6982
J48	EUJ48	PC Mix Bin #17	7504 / --
K03	EUK03	Package Building RTE #1 Product Dryer Separator	3744 / 3817
	EUK03A	Flash Dryer Gas Burner, Package Building #1 RTE	
K04	EUK04	Package Building RTE #2 Product Dryer Separator	3745 / 3818
	EUK04A	Flash Dryer Gas Burner, Package Building #2 RTE	
K05	EUK05	Package Building RTE #1 Cereal Belt Dryer	3746 / 3819
	EUK05A	Package Building RTE #1 Dryer Gas Burner #1	
K06	EUK06	Package Building RTE #2 Cereal Belt Dryer	3747 / 3820
	EUK06A	Package Building RTE #2 Dryer Gas Burner #1	
K07	EUK07	Package Building RTE #3 Product Dryer Separator (Flash Dryer System)	4047 / 4114
	EUK07A	Flash Dryer Burner, Package Building #3 RTE	
K08	EUK08	Pkg Bldg RTE #1 Cereal Cooler	3748 / 3821R2
K09	EUK09	RTE HP Packaging	7455 / --
K10	EUK10	Pkg Bldg RTE #2 Cereal Cooler	3749 / 3822R2
K11	EUK11	Pkg. Building #1 Base Product Transfer / Conveying Process	3750 / 3823
K12	EUK12	Package Building RTE #3 Cereal Belt Dryer	5172 / 5119
	EUK12A	Package Building RTE #3, Dryer Gas Burner #1	
	EUK12B	Package Building RTE #3, Dryer Gas Burner #2	
	EUK12C	Package Building RTE #3, Dryer Gas Burner #3	
	EUK12D	Package Building RTE #3, Dryer Gas Burner #4	
	EUK12E	Package Building RTE #3, Dryer Gas Burner #5	
K13	EUK13	Pkg Bldg RTE #3 Cereal Cooler	4048 / 4116R2
K17	EUK17	Life Line #1, Product Separator #2	7027 / 6764
K18	EUK18	Life Line #2, Product Separator #2	7028 / 6757
K19	EUK19	Life Line #3, Product Separator #2	7029 / 6750
K20	EUK20	Life Hot Extruders	6924 / 6729
K21	EUK21	Life Scoring Rolls Exhaust Process	3865 / 3930
K22	EUK22	Life Line #1, Product Separator #1	7030 / 6765
K23	EUK23	Life Line #2, Product Separator #1	7031 / 6758
K24	EUK24	Life Line #3, Product Separator #1	7032 / 6751
K25	EUK25	Life Line #1 Cereal Belt Dryer	-- / 1673
	EUK25A	Life #1 Dryer Gas Burner #1	
K26	EUK26	Life Line #2 Cereal Belt Dryer	-- / 1672
	EUK26A	Life #2 Dryer Gas Burner #1	
K27	EUK27	Life Line #3 Cereal Belt Dryer	-- / 1671
	EUK27A	Life #3 Dryer Gas Burner #1	
K28	EUK28	Life Line #4 Product Separator #2	7033 / 6752
K29	EUK29	Life Line #1 Cereal Cooler	-- / 1670
K30	EUK30	Life Line #2 Cereal Cooler	-- / 1669
K32	EUK32	Life Line #3 Cereal Cooler	-- / 1667
K33	EUK33	RTE LP Sugar Airlock Filter	7040 / 6771
K34	EUK34	RTE HP Sugar Airlock Filter	7041 / 6772
K35	EUK35	IQO Sugar Transfer Filter	7042 / 6773
K36	EUK36	IQO Sugar Bin Filter	7043 / 6774
K37	EUK37	RTE HP Dry Mix Airlock Filter	7044 / 6775
K41	EUK41	Storage Bin, C Mill Bin Annex, Bin #11	361 / 277
K42	EUK42	Storage Bin, C Mill Bin Annex, Bin #8	1922 / 1663
K43	EUK43	Life Regular Transfer / Conveying Process	329 / 310
K46	EUK46	Storage Bin, C Mill Bin Annex, Bin #9	2155 / 2238
K48	EUK48	Life Line #4 Cereal Belt Dryer	360 / 303

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
K48	EUK48A	Life #4 Dryer Gas Burner #1	360 / 303
K49	EUK49	Life Oven Canopy Exhaust Process	359 / 307
K50	EUK50	Life Line #4 Cereal Cooler	358 / 306
K51	EUK51	Life Line #4, Product Separator #1	7034 / 6753
K52	EUK52	RTE Case Conveying / Pneumatic Scales Meta	6229 / 6014
K53	EUK53	Life Sanding Sugar Reclaim	5736 / 5459
K54	EUK54	Sugar Storage Bin, Warehouse 6, 10 th Floor	6015 / 5693
K55	EUK55	Life Trim Stock Conveying System	5798 / 5503
K56	EUK56	RTE Case Conveying / Pneumatic Scales Twin Pack	6230 / 6015
K58	EUK58	Life Cinnamon Transfer / Conveying Process	2083 / 2220
K59	EUK59	RTE HP Line #3 Re-Mill Transfer System	7035 / 6770
K64	EUK64	Package Building RTE #4 Product Dryer Separator	3153 / 3429
	EUK64A	Flash Dryer Gas Burner, Package Building RTE #4	
K65	EUK65	Package Building RTE #4 Base Product Dust Collection	3154 / 3430
K68	EUK68	Package Building RTE #4 Cereal Belt Dryer	3157 / 3431
	EUK68A	Package Building RTE #4, Dryer Gas Burner #1	
K69	EUK69	Package Building RTE #4 Cereal Cooler	3158 / 3432
K70	EUK70	RTE HP Line #4 Cereal Cooler	4091 / 4118R2
K71	EUK71	RTE HP Syrup Mixing Tanks	7088 / 6833
K72	EUK72	Oat Squares System #15	5856 / 5622
K73	EUK73	Package Building RTE #4 By-Products System	3317 / 3435
K76	EUK76	Life Line #5 / #6 Cinnamon Dump Station	4963 / 4956
K78	EUK78	Life Sugar Reclaim System	3937 / 3943
K79	EUK79	Life Lines #5 / #6 Blender / Extruder Exhaust	4970 / 4963
K80	EUK80	Life Lines #5 / #6 Cinnamon Transfer System	4964 / 4957
K81	EUK81	Life Lines #5 / #6 Pellet Cyclone #1	4971 / 4964
K82	EUK82	Life Lines #5 / #6 Pellet Cooler & Conveying	4972 / 4965
K83	EUK83	Life Lines #5 / #6 Pellet Cyclone #2	4973 / 4966
K84	EUK84	Life Line #5 Belt Dryer – Zone #1	5488 / 5254
	EUK84A	Life #5 Dryer Gas Burner Zone #1	
K85	EUK85	Life Line #5 Belt Dryer – Zone #2	5489 / 5255
	EUK85A	Life #5 Dryer Gas Burner Zone #2	
K86	EUK86	Life Line #5 Belt Dryer – Zone #3	5490 / 5256
	EUK86A	Life #5 Dryer Gas Burner Zone #3	
K87	EUK87	Life Line #5 Belt Cooler / Canopy Exhaust	5491 / 5257
K88	EUK88	Life Line #6 Belt Dryer – Zone #1	5492 / 5258
	EUK88A	Life #6 Dryer Gas Burner Zone #1	
K89	EUK89	Life Line #6 Belt Dryer – Zone #2	5493 / 5259
	EUK89A	Life #6 Dryer Gas Burner Zone #2	
K90	EUK90	Life Line #6 Belt Dryer – Zone #3	5494 / 5260
	EUK90A	Life #6 Dryer Gas Burner Zone #3	
K91	EUK91	Life Line #6 Belt Cooler / Canopy Exhaust	5495 / 5261
K92	EUK92	Life Lines #5 / #6 Finished Product Dust Collection	4982 / 4975
K94	EUK94	RTE LP Line #5 & #6 Packaging	4983 / 4976R1
K96	EUK96A	Life Line #5 / #6 Pellet Mixing & Conveying	6127 / 5917
	EUK96B	Life Line #5 / #6 Pellet Trim Stock Cyclone	
K97	EUK97	Life Line #5 Sugar Receiver	4967 / 4960
K98	EUK98	Life Line #6 Sugar Receiver	4968 / 4961
K99	EUK99	Life Line #5 / #6 Dry Mix Dust Collector	4969 / 4962
L01	EUL01	Boiler #1	5816 / 5613
	EUL02	Boiler #2	
	EUL03	Boiler #3	
	EUL04	Boiler #4	
	EUL05	Boiler #5	
L02	EUL06	Boiler #6	5817 / 5614
	EUL07	Boiler #7	

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
L02	EUL08	Boiler #8	5816 / 5613
	EUL09	Boiler #9	
	EUL10	Boiler #10	
S01	EUS01	Oat Squares System #1	5842 / 5261
S02	EUS02	Oat Squares System #2	5843 / 5623
S03	EUS03	Oat Squares System #3	5844 / 5624
S04	EUS04	Oat Squares System #4	5845 / 5625
S05	EUS05	Oat Squares System #5	5846 / 5626
S06	EUS06	Oat Squares System #6	5847 / 5627
S07	EUS07	Oat Squares System #7	5848 / 5628
S08	EUS08	Oat Squares System #8	5849 / 5629
S09	EUS09	Oat Squares System #9	5850 / 5630
S10	EUS10	Oat Squares System #10	5851 / 5631
S11	EUS11	Oat Squares System #11	5852 / 5632
S12	EUS12	Oat Squares System #12	5853 / 5633
S13	EUS13	Oat Squares System #13	5854 / 5634
S14	EUS14	Oat Squares System #14	5855 / 5635
S16	EUS16	Oat Squares System #16	5857 / 5636
S17	EUS17	Oat Squares System #17	5858 / 5637
S18	EUS18	Oat Squares System #18	5859 / 5638
S19	EUS19	Oat Squares System #19	6080 / 5788
S49	EUINS49	Fire Pump Diesel Engine	C1167
S50	EUINS50	Elevator G Emergency Generator	--
ICE51	ICE51	A-Mill Emergency Generator South Unit	S15
ICE52	ICE52	A-Mill Emergency Generator North Unit	S16
ICE53	ICE53	PKG Emergency Generator	S17

Insignificant Activities Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
EUFG50	Fugitives – Elevator G Grain Loadout System
EUFG51	Fugitives – Track #5 Loadout System
EUFG52	Fugitives – By-Products Truck Loadout System
EUFG53	Fugitives – Track #13 Loadout System
EUFG54	Fugitives – Oat Hulls Truck Loadout
EUFG55	Fugitives – By-Products Truck Loadout System, C-Mill
EUFG57	Fugitives – Marsh Case Code Controls Ink
EUFG58	Fugitives – Round Tube Winding Gluing Process
EUFG59	Fugitives – AJs Bottle Code Dating Ink
EUFG60	Fugitives – AJs Bottle Code Dating Make-Up Solution
EUFG61	Fugitives – Hot Melt Gluing @ Palletizers
EUFG62	Fugitives – Large Round Tube Cap Gluing Process
EUFG63	Fugitives – Round Tube Code Dating Process
EUINS56	Diesel Fuel Oil Tank <500 Gallons

II. Plant-Wide Conditions

Facility Name: **Quaker Manufacturing, LLC**

Permit Number: **03-TV-022R3**

Permit conditions are established in accord with 567 Iowa Administrative Code rule 22.108

Permit Duration

The term of this permit is: 5 years

Commencing on: November 1, 2020

Ending on: October 31, 2025

Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code Rules 22.110 - 22.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 22.115.

Emission Limits

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Opacity (visible emissions): 40% opacity

Authority for Requirement: 567 IAC 23.3(2)"d"

Opacity (visible emissions): 20% opacity

Authority for Requirement: LCCO Sec. 10-60(a)

Sulfur Dioxide (SO₂): 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"

LCCO Sec. 10-65(a)(2)

Particulate Matter:

No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For sources constructed, modified or reconstructed on or after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24. For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B).

Authority for Requirement: 567 IAC 23.3(2)"a"

Particulate Matter:

No person shall permit, cause, suffer or allow the emission of particulate matter into the atmosphere in any one hour from any emission point from any process equipment at a rate in excess of that specified in Table 10-62-1 for the process weight rate allocated to such emission point. The emission standards in LCCO Sec. 10-62(a) shall apply and those specified in LCCO Sec. 10-61 and 10-62 and Table 10-62-1 shall not apply to each process of the types listed in those sections, with the following exception: whenever the compliance status, history of operations, ambient air quality in the vicinity, or the type of control equipment utilized, would warrant maximum control, the Air Pollution Control Officer may enforce

0.1 grain per standard cubic foot of exhaust gas, or Table I of this section, whichever would result in the lowest allowable emission rate.

Authority for Requirement: LCCO Sec. 10-62(a)

Fugitive Dust: Attainment and Unclassified Areas - A person shall take reasonable precautions to prevent particulate matter from becoming airborne in quantities sufficient to cause a nuisance as defined in Iowa Code section 657.1 when the person allows, causes or permits any materials to be handled, transported or stored or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved roads. Ordinary travel includes routine traffic and road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface. (the preceding sentence is State Only) All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The public highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not be limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizers or limestone.
4. Covering at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.
5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.
6. Reducing the speed of vehicles traveling over on-property surfaces as necessary to minimize the generation of airborne dusts.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCCO Sec. 10-66

2008 CH3 NAAQS Offset Requirements

A1. Operating Limits

1. The following emission points in Table A are to be modified prior to the startup of any single source associated with the cleaning house 3 project. A letter requesting permit rescissions and permit to operate applications to acknowledge the following modifications are to be received no later than May 1, 2008 or the startup of cleaning house 3, whichever is later.

Table A

EP	Description	Modification	Deadline
A03	Elevator A East Scale Garner	Removal from service – request and obtain permit rescissions	Prior to startup of CH3
A04	Elevator A West Scale Garner		
A01	Elevator D Grain Handling System	Modify stack to vertical, unobstructed	
A07	Elevator A Hull Transfer System		
A71	Elevator A Bin Top Grain Handling System		
A72	Elevator C Bin Top & Bridge System B		
D06	Oats Dryer / Cooler #1		
D08	Groats Dryer / Cooler #2		
D09	Groats Dryer / Cooler #3		

EP	Description	Modification	Deadline
D10	Groats Dryer / Cooler #4	Modify stack to vertical, unobstructed	Prior to startup of CH3
D11	Groats Dryer / Cooler #5		
D12	Groats Dryer / Cooler #6		
D13	Groats Dryer / Cooler #7		
D42	Oat Rolling System I		
D45	Oats/Instant Oats Proc/Transfer System		
K84	Life Line #5 Belt Dryer – Zone 1		
K85	Life Line #5 Belt Dryer – Zone 2		
K86	Life Line #5 Belt Dryer – Zone 3		
K87	Life Line #5 Belt Cooler/Canopy		
K88	Life Line #6 Belt Dryer – Zone 1		
K89	Life Line #6 Belt Dryer – Zone 2		
K90	Life Line #6 Belt Dryer – Zone 3		
K91	Life Line #6 Belt Cooler/Canopy		

2. A security plan shall be maintained on-site documenting how the general public is denied access to the facility; specifically all on-property easements (e.g. railways) running through the plant property. This plan is required for the duration that Quaker Manufacturing, LLC relies on the removal of receptors along any on-property easement necessary to predict compliance with the current PM₁₀ NAAQS air dispersion model. This plan shall include at a minimum the following:
 - No trespassing signs posted at all on-property easements running through the Quaker property.
 - Surveillance camera(s) monitoring all on-property easements on a 24-7 basis.

A2. Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain the security plan onsite.
2. Maintain a log that indicates the date the modification was finalized for all sources listed in Table A.

Plant-Wide Monitoring

The units listed with each O&M plan must meet the operating and maintenance requirements listed below.

Agency Operations & Maintenance Plan Fabric Filter Low Temperature, T<180°F

This operation and maintenance plan shall apply to the following emission points:

A07, A13, A21, A40, A42, A43, A71, A72, B07, B09, B10, B11, B22, B24, B26, B27, B28, B31, B33, B34, B35, B36, D01, D02, D03, D04, D05, D07, D14, D15, D16, D17, D18, D19, D20, D21, D23, D24, D25, D26, D27, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D43, D46, D47, D49, D50, D51, D52, D53, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D85, D86, D87, D88, D89, E06, E09, E27, E31, E32, E33, E34, E35, E39, E40, E41, E42, G05, G06, G07, G08, G09, G10, G11, G12, G13, G14, H01, H07, H13, H15, H16, H18, H20, H21, H22, H24, H25, H26, H27, H28, J27, J28, J29, J30, J31, J32, J33, J36, J45, J47, J48, K09, K11, K21, K33, K34, K35, K36, K37, K41, K42, K43, K46, K52, K53, K54, K55, K56, K58, K59, K65, K72, K73, K76, K78, K80, K92, K94, K97, K98, K99, S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19.

Weekly no visible emissions readings have been waived for the following emission points because they exhaust internal to the building: A40, A42, A43, B07, B11, B36, D01, D02, D03, D04, D05, D07, D14, D15, D16, D18, D19, D20, D23, D24, D25, D26, D27, D29, D31, D33, D34, D35, D40, D41, D43, D46, D47, D49, D50, D51, D52, D53, D55, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77, D85, D86, D87, D88, D89, H15, H16, H20, H21, H22, H24, H25, H26, H27, H28, J46, J47, J48, K09, K33, K34, K35, K36, K37, K52, K53, K54, K55, K56, K59, K76, K80, K97, K98, K99, S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19.

The following emission points require **monthly** no visible emissions readings instead of weekly readings because they operate less than 870 hours during the year: E35, G05, G06, G07, G09, G11, J30, and K42.

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the visual or mechanical indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation, and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the exceedance to the department pursuant to LCCO Sec. 10-67 and 567 IAC 22.108(5)"b" and conduct source testing within 90 days of the exceedance to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges may be set for monitoring and the agreed upon new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, will propose a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

General

Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring must be performed for that week.

Weekly

- Visible emissions shall be observed on a weekly basis to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed, this would be an exceedance not a violation and corrective action will be initiated as soon as possible, but no later than eight (8) hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO 10.14.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake the observation at approximately 2 hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day when weather permits.
- Check and document the fabric filter pressure drop.
- If a pressure drop greater than 1.5" w.g. from the previous reading is observed, investigative / corrective action will be initiated within eight (8) hours to return the pressure drop to normal or identify the reason for the drop.
- If the pressure drop exceeds 8" w.g. and other corrective action does not reduce the pressure drop below 8" w.g., new filter socks/cartridges will be installed at the next scheduled downtime, but not to exceed a two week period.

In addition to the weekly requirements identified above, emission points with HEPA filters installed shall check and document the HEPA filter static pressure drop:

- If the static pressure drop exceeds 3" w.g. and other corrective action does not reduce the static pressure drop below 3" w.g., a new HEPA filter shall be installed at the next scheduled downtime, but not to exceed a two week period.

Quarterly

- Check the cleaning sequence of the fabric filter.
- Check the air delivery system for appropriate line pressure.
- Check the operation, sequencing and pulse duration of the cleaning cycle.

If abnormal conditions are detected which would effect emissions to the atmosphere, the appropriate corrective measures will be initiated within eight (8) hours. Other identified issues will be scheduled for future repair.

Semiannual

- Inspect following components: housing, discharge equipment, and ducts and hoods exterior to the plant.

If leaks or abnormal conditions are which would effect emissions to the atmosphere are detected, the appropriate corrective measures will be initiated within eight (8) hours. Other identified issues will be scheduled for future repair.

Record Keeping and Reporting

- Maintain a written or electronic record of all inspections and any action resulting from the inspections.
- Maintenance and inspection records will be kept for five years and available upon request.

Quality Control

- The filter equipment will be operated and maintained according to typical food industry standards and/or as outlined in the above monitoring requirements.
- An adequate inventory of spare parts shall be kept.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operations & Maintenance Plan Dynamic Separator – Dry Aerodyne Development Collectors

This operation and maintenance plan shall apply to the following emission points:
D06, D08, D09, D10, D11, D12, D13, D82

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time, or the presence of a monitored abnormal condition. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the excursion to the department and conduct source testing within 90 days of the excursion to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission

limits then new indicator ranges must be set for monitoring and the new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

Monitoring Methods & Corrective Actions

General

Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring must be performed for that week.

Weekly

- Check and document the pressure drop across the aerodyne. If the differential pressure falls outside the operating range of 4" – 8" w.c., corrective action will be initiated within eight (8) hours to return the differential pressure to the normal range.

Semi-Annually

- Check for leaks, material build-up, or wear in plenum nozzles, spinner, orifice plate, and hopper by means of inspection openings.

If abnormal conditions are identified which would effect emissions to the atmosphere are detected, the appropriate corrective measures will be initiated within eight (8) hours.

Other identified issues will be scheduled for future repair.

Record Keeping and Reporting

- Maintain a written or electronic record of all inspections and any action resulting from the inspections.
- Maintenance and inspection records will be kept for five (5) years and will be available upon request.

Quality Control

- The collection equipment will be operated and maintained according to typical food industry standards and/or as outlined in the above monitoring requirements.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operation & Maintenance Plan Dynamic Separator - Wet Rotoclone Wet Dust Collectors

This operations and maintenance plan shall apply to the following emission point: H23, K20, K71, K79, K96

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time, or the presence of a monitored abnormal condition. An excursion does not necessarily indicate a violation of an applicable requirement. If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the excursion to the department pursuant to LCCO Sec. 10-67 and 567 IAC 22.108(5)"b" and conduct source testing within 90 days of the excursion to demonstrate

compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges must be set for monitoring and the new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

Monitoring Methods & Corrective Actions

General

- Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring will be performed for that week.

Weekly

- Visible emissions shall be observed on a weekly basis to ensure that no visible emissions occur during the material handling operation (with the exception of K96, which vent indoors). If visible emissions are observed, this would be an exceedance not a violation and corrective action will be initiated as soon as possible, but no later than 8 hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO Sec. 10-67.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake observation at approximately 2 hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day when weather permits.
- Check and document the water flow rate to the Rotoclone using data from water meter. If the water flow rate falls below the minimum operating range as stated for the source below, corrective action will be initiated within eight (8) hours to return the flow rate to the normal range.
 - Minimum flow rate: K20 is 7 gpm
 - Minimum flow rate: K79 is 1.6 gpm
 - Minimum flow rate: K96 is 1.8 gpm
- Check and document the water pressure to the dust collector. If the pressure falls below the normal operating range, (40 psig), corrective action will be initiated within eight (8) hours to return the pressure drop to normal.
- Conduct a walk-around inspection of the entire system to search for leaks. If leaks in the system are detected, which could affect emissions, the appropriate measures for remediation will be initiated within eight (8) hours.

Quarterly

- Inspect the equipment drain(s) to ensure that they are flowing freely. Implement flushing/cleaning as necessary at the next scheduled downtime, but not to exceed a two week period.
- Inspect the impeller for accumulation of material or obstructions in impeller blade hooks. Implement cleaning as necessary at the next scheduled downtime, but not to exceed a two week period.
- Inspect water spray nozzles for correct flow, positioning, orientation, and spray pattern. Flush out water line strainer. Implement cleaning/adjustments as necessary at the next scheduled downtime, but not to exceed a two week period.
- Open inlet inspection door at inlet connection and remove any accumulated material at the border of the wet and dry sections.

Record Keeping

- Maintain a record of all inspections and any action resulting from the inspections.

- Maintenance and inspection records will be kept for five (5) years and made available upon request.

Quality Control

- The dust collector equipment will be operated and maintained according to the manufacturers specifications and/or as outlined in the above monitoring requirements.
- An adequate inventory of spare parts shall be kept.

Authority for Requirement: 567 IAC 22.108(3)

**Agency Operations & Maintenance Plan
Fiberglass Filter**

This operations and maintenance plan shall apply to the following emission point: F01

Weekly

- Inspect the paint room for conditions that reduce the operating efficiency of the filtration system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action, including full filter changes, resulting from the inspection.

Record Keeping and Reporting

- Maintenance and inspection records will be kept for five years and available upon request.

Quality Control

- The filter equipment will be operated and maintained according to good air pollution control practice.

Authority for Requirement: 567 IAC 22.108(3)

**Agency Operation & Maintenance Plan
Emission Points with No Associated Control Equipment**

This operations and maintenance plan shall apply to the following emission points:

A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, B29, B30, D28, K03, K04, K05, K06, K07, K08, K10, K12, K13, K17, K18, K19, K22, K23, K24, K25, K26, K27, K28, K29, K30, K32, K48, K49, K50, K51, K64, K68, K69, K70, K81, K82, K83, K84, K85, K86, K87, K88, K89, K90, K91, L01, L02, S49, S50, ICE51, ICE52, ICE53

The following emission points require monthly no visible emissions readings instead of weekly readings because they operate less than 870 hours during the year: A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, S49, S50, ICE51, ICE52, ICE53.

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the visual or mechanical indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the exceedance to the department pursuant to LCCO Sec. 10-67 and 567 IAC 22.108(5)"b"and conduct source testing within 90 days of the excursion to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges may be set for monitoring and the agreed upon new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

General

- Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring will be performed for that week.

Weekly

- The facility shall check the opacity weekly to ensure that no visible emissions occur during the material handling operation of the unit and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. If visible emissions are observed, corrective action will be initiated as soon as possible, but no later than 8 hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO Sec. 10-67.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake observation at approximately 2-hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(3)

**Compliance Assurance Monitoring (CAM) Plan
Baghouse**

This CAM plan shall apply to the following emission points:

A01, A17, A18, A37, A38, A39, A41, A44, B04, B08, B25, D42, D44, D45, D54, E06, E27, E43

Monitoring Approach

The key elements of the monitoring approach are presented in Table A. The selected performance indicators are control device differential pressure and visible emissions.

Table A – Monitoring Approach

	Indicator #1	Indicator #2
I. Indicator	Differential pressure across the control device	Visible Emissions
Measurement Approach	Differential pressure measured across the control device by a magnehelic gauge.	Visible emissions from control device exhaust while the emission unit is operating.

	Indicator #1	Indicator #2
II. Indicator Range	Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the control device is operating or readings over 8" w.g.	NVE with the exception of start-up, shutdown and cleaning. Visible emissions require corrective action, notification and record-keeping requirements.
III. Performance Criteria		
A. Data Representativeness	The differential pressure is measured across the control device.	Visible emissions observations are made at the emission point and on the external control device, system ductwork and associated components.
B. Verification of Operational Status	Records of pressure drop readings will be maintained for five years.	Records of NVE readings will be maintained for five years.
C. QA/QC Practices and Criteria	Pressure gauges will be maintained per the manufacturer's specifications.	The observer will be trained by Quaker Manufacturing, LLC to detect visible emissions.
D. Monitoring Frequency	The pressure drop readings shall be conducted daily during a period when the emission unit on this emission point is in operation.	NVE observations are made at the emission point on a weekly basis when the emission unit on this emission point is in operation.
E. Data Collection Procedures	The pressure drop readings will be recorded on the respective departmental air monitoring log sheet.	The NVE observations will be recorded on the respective departmental air monitoring log sheet.

Authority for Requirement: 567 IAC 22.108(3)

Regulatory Authority

This facility is located in Linn County, Iowa. Linn County Public Health Department, under agreement with the Iowa Department of Natural Resources (DNR), is the primary regulatory agency in Linn County. This Title V permit is issued by the Iowa Department of Natural Resources, however, required contacts and information submittals referred to in this permit as required by "the Department" should continue to be directed to the Linn County Public Health office. This will include such items as stack test notification, stack test results submittal, oral and written excess emission reports, and reports and records required in the Linn County construction permits. Information specifically required by the Title V permit such as the annual EIQ and fees, annual compliance certification, semi-annual monitoring report and any Title V forms submitted for updates, modifications, renewals, etc. must be submitted to the Iowa DNR. Stack test notifications and test results for tests required as periodic monitoring in the Title V permit shall be submitted to Linn County Public Health. Stack test protocols and test results conducted as required by a PSD permit shall be submitted to the DNR and Linn County Public Health Air Quality Division.

Authority for Requirement: 567 IAC 22.108

III. Emission Point-Specific Conditions

Facility Name: Quaker Manufacturing, LLC
 Permit Number: 03-TV-022R3

Emission Point ID Number: A01, A07, A13, A17, A18, A21

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A01	A01	Elevator D Grain Handling System	Corn, Cereal, Wheat, Hulls	250 tph	CEA01	Fabric Filter Low Temperature, T<180°F
A07	A07	Elevator A Hull Transfer System	Oat Hulls	20 tph	CEA07	Fabric Filter Low Temperature, T<180°F
A13	A13	Elevator G Transfer / Conveying System	Oats, Corn, Wheat, Cereal	360 tph	CEA13	Fabric Filter Low Temperature, T<180°F
A17	A17	Elevator G Grain Unloading & Transfer System A	Oats, Corn, Wheat, Cereal	360 tph	CEA17	Fabric Filter Low Temperature, T<180°F
A18	A18	Elevator G Grain Unloading & Transfer System B	Oats, Corn, Wheat, Cereal	360 tph	CEA18	Fabric Filter Low Temperature, T<180°F
A21	A21	Bridges Transfer / Conveying System A	Oats, Corn, Wheat, Cereal	410 tph	CEA21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A01	PM/PM ₁₀	0.67 lb/hr	LCPH ATI 6948 / PTO 6683
A07	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5477 / PTO 5242
A13	PM/PM ₁₀	0.53 lb/hr	LCPH ATI 6708 / PTO 6487
A17	PM/PM ₁₀	0.75 lb/hr	LCPH ATI 5552 / PTO 5430
A18	PM/PM ₁₀	1.01 lb/hr	LCPH ATI 5553 / PTO 5431
A21	PM/PM ₁₀	0.82 lb/hr	LCPH ATI 5554 / PTO 5432
A01 A07 A13 A17 A18 A21	PM	0.1 gr/dscf	LCPH ATI 6948 / PTO 6683 LCPH ATI 5477 / PTO 5242 LCPH ATI 6708 / PTO 6487 LCPH ATI 5552 / PTO 5430 LCPH ATI 5553 / PTO 5431 LCPH ATI 5554 / PTO 5432 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6948 / PTO 6683 LCPH ATI 5477 / PTO 5242 LCPH ATI 6708 / PTO 6487 LCPH ATI 5552 / PTO 5430 LCPH ATI 5553 / PTO 5431 LCPH ATI 5554 / PTO 5432 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5477 / PTO 5242; LCPH ATI 6708 / PTO 6487
LCPH ATI 5552 / PTO 5430; LCPH ATI 5553 / PTO 5431
LCPH ATI 5554 / PTO 5432

Operating Limits (EP's A01)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspections by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-A01 that is not otherwise identified in the application for ATI 6948 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)].
- B. The owner or operator shall monitor and record the differential pressure across CE-A01 on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-A01 shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-A01.
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 6948 / PTO 6683

Operating Limits (EP's A07)

- A. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Pressure readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5477 / PTO 5242

Operating Limits (EP's A13, A17, A18, A21)

- A. The installation of emission units intending to emit through EP-A13 (EP-A17, EP-A18, EP-A21) that is not otherwise identified in the application for ATI 6708 (ATI 5552, ATI 5553, ATI 5554) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6708 / PTO 6487; LCPH ATI 5552 / PTO 5430
 LCPH ATI 5553 / PTO 5431; LCPH ATI 5554 / PTO 5432

Operating Condition Monitoring and Recordkeeping (A07)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5477 / PTO 5242

Operating Condition Monitoring & Recordkeeping (A13, A17, A18, A21)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6708 / PTO 6487; LCPH ATI 5552 / PTO 5430
 LCPH ATI 5553 / PTO 5431; LCPH ATI 5554 / PTO 5432

Compliance Plan

The owner/operator of this equipment shall comply with the following compliance plan.

Description

The maximum permitted capacity for Emission Unit A07 is 925 hundredweight per hour (46.5 tons per hour); however, Emission Unit A07 operates at a maximum rated capacity of 20 tons per hour, as indicated by Quaker Manufacturing. This change needs to be addressed in the local construction permit for Emission Point A07 (LCPH ATI 5477 / PTO 5242).

Condition

The permittee shall apply for a construction permit from Linn County Public Health within six (6) months of the issuance of this permit. This point will be in compliance at the time the construction permit for the unit venting through this point is issued. A summary of all Emission Points subject to a Compliance Plan is located in Appendix C of this operating permit.

Authority for Requirement: 567 IAC 22.108(15)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A01	6948 / 6683	180	V, unobstructed	42	81	25,926
A07	5477 / 5242	190	V, unobstructed	13.75	108.7	7,200
A13	6708 / 6487	145	V, unobstructed	17 x 25	72	12,422
A17	5552 / 5430	128	V, unobstructed	44	83	17,441
A18	5553 / 5431	122	V, unobstructed	36	70	23,559
A21	5554 / 5432	138	V, unobstructed	36	Ambient	19,029

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No
See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM plan is required for EP's A01, A17, and A18 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-A01 Baghouse

I. Background

A. Emissions Unit

Description: Elevator D Grain Handling System
Identification: EU A01
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6683
Particulate emission limit: PM: 0.67 lb/hr, 0.1 gr/dscf
PM₁₀: 0.67 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
Weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120 MCF 255)

Compliance Assurance Monitoring Plan CAM Plan for EP-A17 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Grain Unloading & Transfer System A
Identification: EU A17
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5430
Particulate emission limit: PM: 0.75 lb/hr, 0.1 gr/dscf
PM₁₀: 0.75 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 144 MCF 255)

Compliance Assurance Monitoring Plan CAM Plan for EP-A18 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Grain Unloading & Transfer System B
Identification: EU A18
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5431
Particulate emission limit: PM: 1.01 lb/hr, 0.1 gr/dscf
PM₁₀: 1.01 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology Baghouse

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A25, A26, A27, A28, A29, A30, A31, A32, A33, A34

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A25	A25	Elevator G Aeration Bin 124	Corn Oats Cereal Wheat	15 tph	--	--
A26	A26	Elevator G Aeration Bin 126		15 tph	--	--
A27	A27	Elevator G Aeration Bin 128		15 tph	--	--
A28	A28	Elevator G Aeration Bin 130		15 tph	--	--
A29	A29	Elevator G Aeration Bin 132		15 tph	--	--
A30	A30	Elevator G Aeration Bin 134		15 tph	--	--
A31	A31	Elevator G Aeration Bin 158		15 tph	--	--
A32	A32	Elevator G Aeration Bin 160		15 tph	--	--
A33	A33	Elevator G Aeration Bin 162		15 tph	--	--
A34	A34	Elevator G Aeration Bin 164		15 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A25 through A34	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A25	337 / 405	122	V, obstructed	18	Ambient	3,385
A26	4779 / 2203	122	V, obstructed	18	Ambient	3,385
A27	4780 / 2204	122	V, obstructed	18	Ambient	3,885
A28	4781 / 2205	122	V, obstructed	18	Ambient	3,385
A29	4782 / 2206	122	V, obstructed	18	Ambient	3,885
A30	4783 / 2207	122	V, obstructed	18	Ambient	3,385
A31	4784 / 2208	122	V, obstructed	18	Ambient	3,885
A32	4785 / 2209	122	V, obstructed	18	Ambient	3,885
A33	4786 / 2211	122	V, obstructed	18	Ambient	3,885
A34	4787 / 2210	122	V, unobstructed	18	Ambient	3,885

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Yes No

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Authority for Requirement: 567 IAC 22.108(3)

Yes No

Emission Point ID Number: A37, A38, A39

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A37	A37	Elevator G Grain Cleaning & Elevator Legs	Flour	360 tph	CEA37	Fabric Filter Low Temperature, T<180°F
A38	A38	Elevator G Bin Top Grain Handling System A	Oats, Corn, Wheat, Cereal	360 tph	CEA38	Fabric Filter Low Temperature, T<180°F
A39	A39	Elevator E/F Grain Handling System	Oats	250 tph	CEA39	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A37	PM/PM ₁₀	0.64 lb/hr	LCPH ATI 6962 / PTO 6684
A38	PM/PM ₁₀	1.48 lb/hr	LCPH ATI 6963 / PTO 6685
A39	PM/PM ₁₀	1.61 lb/hr	LCPH ATI 5557 / PTO 5435
A37 A38 A39	PM	0.1 gr/dscf	ATI 6962 / PTO 6684 ATI 6963 / PTO 6685 ATI 5557 / PTO 5435 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
A37 A38 A39	Opacity	20%	ATI 6962 / PTO 6684 ATI 6963 / PTO 6685 ATI 5557 / PTO 5435 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed (used) to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5557 / PTO 5435

Operating Requirements with Associated Monitoring and Recordkeeping (A37, A38)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-A37 [EP-A38] that is not otherwise identified in the application for ATI 6962 [ATI 6963] and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.

- B. The owner or operator shall monitor and record the differential pressure across CE-A37 [CE-A38] on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-A37 [CE-A38] shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-A37 [CE-A38].
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 6962 / PTO 6684; LCPH ATI 6963 / PTO 6685

Operating Limits (A39)

The owner or operator of this equipment shall comply with the operational limits and requirements listed below:

- A. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5557 / PTO 5435

Operating Condition Monitoring and Recordkeeping (A39)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 5557 / PTO 5435

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A37	6962 / 6684	154	V, unobstructed	18	76	15,000
A38	6963 / 6685	154	V, unobstructed	39 x 27	70	34,425
A39	5557 / 5435	139	V, unobstructed	40 x 40	88	37,511

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM plan is required for EP's A37, A38 and A39.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A37 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Grain Cleanings & Elevator Legs
Identification: EU A37
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6684
Particulate emission limit: PM: 0.64 lb/hr, 0.1 gr/dscf
PM₁₀: 0.64 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology
Baghouse

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A38 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Bin Top Grain Handling System A
Identification: EU A38
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6685
Particulate emission limit: PM: 1.48 lb/hr, 0.1 gr/dscf
PM₁₀: 1.48 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology
Baghouse (Quaker Oats RJ72)

Compliance Assurance Monitoring Plan CAM Plan for EP-A39 Baghouse

I. Background

A. Emissions Unit

Description: Elevator E/F Grain Handling System

Identification: EU A39

Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5435

Particulate emission limit: PM: 1.61 lb/hr, 0.1 gr/dscf

PM₁₀: 1.61 lb/hr

Opacity emission limit: 20%

Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (Quaker Oats 144RJ96)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A40**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A40	A40	Screenings Storage Bin, CH#1	Grain	7 tph	CEA40A	Fabric Filter Low Temperature, T<180°F
					CE40B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A40	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5786 / PTO 5493
	PM	0.1 gr/dscf	ATI 5786 / PTO 5493 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	ATI 5786 / PTO 5493 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Operating Limits

- A. The installation of emission units intending to emit through EP-A40 that is not otherwise identified in the application for ATI 5786 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE A40A and CE A40B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE A40A and CE A40B).

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A40	5786 / 5493	NA	Indoor	NA	NA	2,841

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A41

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A41	A41	Elevator G Basement Grain Handling System A	Oats, Corn, Wheat, Cereal	410 tph	CEA41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A41	PM/PM ₁₀	1.60 lb/hr	LCPH ATI 6862 / PTO 6647
	PM	0.1 gr/dscf	LCPH ATI 6862 / PTO 6647 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6862 / PTO 6647 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-A41 that is not otherwise identified in the application for ATI 6862 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-A41 on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- D. CE-A41 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-A41.

Authority for Requirement: LCPH ATI 6862 / PTO 6647

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A41	6862 / 6647	125	V, unobstructed	42	68	37,400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A41 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Basement Grain Handling System A
Identification: EU A41
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6647
Particulate emission limit: PM: 1.60 lb/hr, 0.1 gr/dscf
PM₁₀: 1.60 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology
Baghouse (MAC 120 MCF361)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A42, A43

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A42	A42	Elevator A Bin Top Grain Handling System B	Oats	360 tph	CEA42A	Fabric Filter Low Temperature, T<180°F
					CE42B	HEPA Filter
A43	A43	Elevator A Basement Grain Handling System A	Oats	360 tph	CEA43A	Fabric Filter Low Temperature, T<180°F
					CE43B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A42	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5831 / PTO 5568
A43	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5832 / PTO 5569
A42 A43	PM	0.1 gr/dscf	LCPH ATI 5831 / PTO 5568 LCPH ATI 5832 / PTO 5569 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5831 / PTO 5568 LCPH ATI 5832 / PTO 5569 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Operating Limits

- A. The installation of emission units intending to emit through EP-A42 (EP-A43) that is not otherwise identified in the application for ATI 5831 (ATI 5832) and authorized to operate by this permit will require prior authorization in accordance with [LCCO 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE A42A and CE A42B; CE43A and CE43B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE A42A and CE A42B; CE43A and CE43B).

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A42	5831 / 5568	NA	Indoor	NA	NA	9,792
A43	5832 / 5569	NA	Indoor	NA	NA	10,849

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A44**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A44	A44	Elevator G Basement Grain Handling System B	Oats, Corn, Wheat, Cereal	410 tph	CEA44	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A44	PM/PM ₁₀	0.76 lb/hr	LCPH ATI 5559 / PTO 5437
	PM	0.1 gr/dscf	LCPH ATI 5559 / PTO 5437 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5559 / PTO 5437 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5559 / PTO 5437

Operating Limits

- A. The installation of emission units intending to emit through EP-A44 that is not otherwise identified in the application for ATI 5559 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5559 / PTO 5437

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly

investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 5559 / PTO 5437

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A44	5559 / 5437	126	V, unobstructed	30	75	17,792

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A44 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Basement Grain Handling System B
 Identification: EU A44
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5437
 Particulate emission limit: PM: 0.76 lb/hr, 0.1 gr/dscf
 PM₁₀: 0.76 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: daily differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (120 MW116 116)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A45	A45	Elevator G Aeration Bin #58	Corn Oats Cereal Wheat	15 tph	--	--
A46	A46	Elevator G Aeration Bin #60		15 tph	--	--
A47	A47	Elevator G Aeration Bin #62		15 tph	--	--
A48	A48	Elevator G Aeration Bin #64		15 tph	--	--
A49	A49	Elevator G Aeration Bin #66		15 tph	--	--
A50	A50	Elevator G Aeration Bin #68		15 tph	--	--
A51	A51	Elevator G Aeration Bin #78		15 tph	--	--
A52	A52	Elevator G Aeration Bin #80		15 tph	--	--
A53	A53	Elevator G Aeration Bin #82		15 tph	--	--
A54	A54	Elevator G Aeration Bin #84		15 tph	--	--
A55	A55	Elevator G Aeration Bin #86		15 tph	--	--
A56	A56	Elevator G Aeration Bin #88		15 tph	--	--
A57	A57	Elevator G Aeration Bin #90		15 tph	--	--
A58	A58	Elevator G Aeration Bin #92		15 tph	--	--
A59	A59	Elevator G Aeration Bin #102		15 tph	--	--
A60	A60	Elevator G Aeration Bin #104		15 tph	--	--
A61	A61	Elevator G Aeration Bin #106		15 tph	--	--
A62	A62	Elevator G Aeration Bin #108		15 tph	--	--
A63	A63	Elevator G Aeration Bin #110	15 tph	--	--	
A64	A64	Elevator G Aeration Bin #112	15 tph	--	--	
A65	A65	Elevator G Aeration Bin #114	15 tph	--	--	
A66	A66	Elevator G Aeration Bin #116	15 tph	--	--	
A67	A67	Elevator G Aeration Bin #136	15 tph	--	--	
A68	A68	Elevator G Aeration Bin #138	15 tph	--	--	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A45 through A68	PM ₁₀	0.05 gr/dscf, 2.66 lb/hr, 11.49 tpy	LCPH ATI 2502 – 2525 LCPH PTO 2527 – 2547 LCPH PTO 2549, 2550
	PM	0.1 gr/dscf, 5.32 lb/hr, 22.98 tpy	
A45 through A68	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

*Note: The tpy total is the combined total of all 24 stacks [A45-A68] operating a combined 8,640 hours per 12-month rolling total period based on an accepted 6,204 scfm exhaust airflow rate. The 6,204 scfm airflow rate is an agreed upon exhaust airflow rate between DNR, LCPH, and [Quaker Manufacturing, LLC] based on the average airflow rate of three previously tested bins.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operational Limits & Requirements

EP	Operating Limits	Authority for Requirement
A45	Hours of operation: 360 hours per year maximum average operating hours for all 24 stacks (A45-A68). The combined operating hours for all 24 bins shall not exceed 8,640 hours per a 12-month rolling total.	LCPH ATI 2525 / PTO 2544
A46		LCPH ATI 2524 / PTO 2543
A47		LCPH ATI 2523 / PTO 2542
A48	Compliance Monitoring	LCPH ATI 2522 / PTO 2541
A49	The following information shall be monitored:	LCPH ATI 2521 / PTO 2540
A50	<ul style="list-style-type: none"> Hours of operation (calculated on a 4-quarter rolling sum) from a non-resettable hour meter 	LCPH ATI 2520 / PTO 2550
A51		LCPH ATI 2519 / PTO 2539
A52	All monitors shall be easily accessible to air pollution personnel.	LCPH ATI 2518 / PTO 2538
A53	Recordkeeping Requirements	LCPH ATI 2517 / PTO 2537
A54	A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.	LCPH ATI 2516 / PTO 2536
A55		LCPH ATI 2515 / PTO 2535
A56		LCPH ATI 2514 / PTO 2534
A57	<ul style="list-style-type: none"> Hours of operation (calculated on a 4-quarter rolling sum) 	LCPH ATI 2513 / PTO 2533
A58		LCPH ATI 2512 / PTO 2527
A59	These records shall be available on site for viewing by air pollution control personnel.	LCPH ATI 2511 / PTO 2548
A60		LCPH ATI 2510 / PTO 2532
A61	Reporting	LCPH ATI 2509 / PTO 2531
A62	The following information shall be submitted to the Linn County Public Health Department by the 15 th of each month for the previous quarter (January 15, April 15, July 15, and October 15).	LCPH ATI 2508 / PTO 2530
A63		LCPH ATI 2507 / PTO 2529
A64		LCPH ATI 2506 / PTO 2528
A65	Hours of operation (calculated on a 4-quarter rolling sum). The combined operating hours for all 24 bins shall not exceed 8,640 hours per 12-month rolling total.	LCPH ATI 2505 / PTO 2549
A66		LCPH ATI 2504 / PTO 2545
A67		LCPH ATI 2503 / PTO 2547
A68		LCPH ATI 2502 / PTO 2546

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A45 – A68	ATI 2502 – 2525 PTO 2527 – 2547, 2549, 2550	122 (24 stacks)	V, obstructed	24 (24 stacks)	Ambient	2,888 (24 stacks)

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A71, A72

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A71	A71	Elevator A Bin Top & Bridge System	Oats	410 tph	CEA71	Fabric Filter Low Temperature, T<180°F
A72	A72	Elevator C Bin #3 (Northstar) Bottom; Bin #41 Top & Bottom; Bridge System B	Oats	410 tph	CEA72	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A71	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5478 / PTO 5243
A72	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5685 / PTO 5373
A71 A72	PM	0.1 gr/dscf	LCPH ATI 5478 / PTO 5243 LCPH ATI 5685 / PTO 5373 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
A71 A72	Opacity	20%	LCPH ATI 5478 / PTO 5243 LCPH ATI 5685 / PTO 5373 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used (installed) to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors, and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained, and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Operating Limits

- A. The installation of emission units intending to emit through EP-A71 (EP-A72) that is not otherwise identified in the application for ATI 5478 (ATI 5685) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A71	5478 / 5243	129	V, unobstructed	30	88.1	14,714
A72	5685 / 5373	128	V, unobstructed	30	80	9,154

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B04**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B04	B04	Corn Mills Cleaning House Process	Corn	35 tph	CEB04	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B04	PM/PM ₁₀	0.02 gr/dscf, 2.67 lb/hr, 11.691 tpy	LCPH ATI 3705 / PTO 3716
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(b)(7)
	Opacity	20%	LCCO Sec. 10-60
		10%	LCPH ATI 3705 / PTO 3716

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Operating Limits

Airflow to the baghouse shall be limited to 15,572 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Weekly pressure drop readings
- Record of all maintenance and repair for baghouse

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B04	3705 / 3716	136	V, unobstructed	22	84	15,572

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B04 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Mill Cleaning House Process
Identification: EU B04
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 3716
Particulate emission limit: PM: 2.67 lb/hr, 11.69 tpy, 0.02 gr/dscf, 0.1 gr/dscf
PM₁₀: 2.67 lb/hr, 11.69 tpy, 0.02 gr/dscf
Opacity emission limit: 10%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology
Baghouse (KICE M120-10)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B07**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B07	B07	#3 PMC Trim Cutter	Paper	40 ton/yr	CEB07	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B07	PM/PM ₁₀	0.08 lb/hr	LCPH ATI 6227 / PTO 6001
	PM	0.1 gr/dscf	LCPH ATI 6227 / PTO 6001 567 IAC 23.3(2)(a)"1" LCCO Sec. 10-62(a)(1)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6227 / PTO 6001 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Operating Limits

- A. The installation of emission units intending to emit through EP-B07 that is not otherwise identified in the application for ATI 6227 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B07	6227 / 6001	NA	Indoor	NA	NA	1,850

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B08

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B08	B08	Corn Milling Process A, Mill A	Corn	11 tph	CEB08	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B08	PM/PM ₁₀	0.015 gr/dscf, 4.31 lb/hr	LCPH ATI 4361 / PTO 4385
	PM	0.1 gr/dscf	LCPH ATI 4361 / PTO 4385 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4361 / PTO 4385 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Operating Limits

- A. The installation of emission units intending to emit through EP-B08 that is not otherwise identified in the application for ATI 4361 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. Operation of this unit shall not exceed 7,400 hours calculated on a 12-month rolling basis.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.
- D. The owner or operator shall monitor and record the hours of operation on a monthly and 12-month rolling basis.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B08	4361 / 4385	157	V, unobstructed	44	92	32,036

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B08 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Milling Process A, Mill A
 Identification: EU B08
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4385
 Particulate emission limit: PM: 4.31 lb/hr, 0.015 gr/dscf, 0.1 gr/dscf
 PM₁₀: 4.31 lb/hr, 0.015 gr/dscf
 Opacity emission limit: 20%
 Current Monitoring requirements: daily differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120AV341)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B09**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B09	B09	Corn Mill A General Process Dust Collector	Corn	35 tph	CEB09	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B09	PM/PM ₁₀	0.02 gr/dscf, 1.76 lb/hr, 6.51 tpy	LCPH ATI 4106 / PTO 4262
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4106 / PTO 4262 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition on all times.

Operation parameters for the control device delineated at the time of final source testing shall become a part of this permit condition. All appropriate probes and gauges needed to measure the parameters outlined in condition "Monitoring Requirements" shall be installed and maintained in good operating condition.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Operating Limits

Maximum equipment design rate: 70,000 lb/hr

Maximum exhaust airflow rate: 10,293 scfm

Maximum hours of operation: 7,400 hr/yr (based on a 4-quarter rolling sum)

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Monitoring Requirements

The following shall be monitored:

- Pressure drop reading across dust collector
- Hours of operation, not to exceed 7,400 hours based on a 12-month rolling sum

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed.
- All maintenance completed on the control device
- Weekly pressure drop reading for dust control unit.
- Hours of operation calculated on a 4-quarter rolling sum

These records shall be available on site for viewing by air pollution control personnel.
 Authority for Requirement: LCPH ATI 4106 / PTO 4262

Reporting

The following information must be submitted to the Linn County Public Health Department by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15).

- Hours of operation based on a rolling four (4) quarter basis.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B09	4106 / 4262	149	V, obstructed	30	93	10,293

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B10

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B10	B10A	Corn Milling Process C, Mill A	Corn	11 tph	CEB10	Fabric Filter Low Temperature, T<180°F
	B10B	Snack Grits		5 tph		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B10	PM/PM ₁₀	0.84 lb/hr	LCPH ATI 5966 / PTO 5643
	PM	0.1 gr/dscf	LCPH ATI 5966 / PTO 5643 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5966 / PTO 5643 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5966 / PTO 5643

Operating Limits

- A. Operation of this unit shall not exceed 7,400 hours calculated on a 12-month rolling basis.
- B. The installation of emission units intending to emit through EP-B10 that is not otherwise identified in the application for ATI 5966 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5966 / PTO 5643

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the hours of operation on a monthly and 12-month rolling basis.

- B. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- D. The owner or operator shall record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5966 / PTO 5643

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B10	5966 / 5643	157	V, unobstructed	50	84	32,638

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

- Agency Approved Operation & Maintenance Plan Required?** Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.
- Facility Maintained Operation & Maintenance Plan Required?** Yes No
- Compliance Assurance Monitoring (CAM) Plan Required?** Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B11**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B11	B11	Snack Grits Gravity Table	Oats	2.5 tph	CEB10	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B11	PM/PM ₁₀	0.004 gr/dscf, 0.20 lb/hr	LCPH ATI 5707 / PTO 5464
	PM	0.1 gr/dscf	LCPH ATI 5707 / PTO 5464 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5707 / PTO 5464

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Operating Limits

- A. Operation of this unit shall not exceed 7,400 hours calculated on a 4-quarter rolling basis.
- B. The installation of emission units intending to emit through EP-B11 that is not otherwise identified in the application for ATI 5707 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- C. Timely corrective action as defined within [LCCO Sec. 10-67] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the hours of operation on a quarterly and 4-quarter rolling basis.
- B. Monitor and record the differential pressure across the control device on a weekly basis.
- C. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B11	5707 / 5464	NA	Indoor	NA	NA	5,878

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B22**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B22	B22	Bran Grinder System, Corn Mill	Corn	1.25 tph	CEB22	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B22	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
B22	1860 / 1814	95	Horizontal	16 x 12	93	2,395

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B24**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B24	B24	Corn Mill Fine Grinder	Corn	2 tph	CEB24	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B24	PM ₁₀	0.02 gr/dscf, 0.53 lb/hr, 2.32 tpy	LCPH ATI 2643 / PTO 3019
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		10%	LCPH ATI 2643 / PTO 3019

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outline in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Operating Limits

Airflow to the baghouse shall be limited to 3,075 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B24	2643 / 3019	96	V, unobstructed	14	90	3,075

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B25, B26

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B25	B25	Corn Milling Process A & B, Mill B	Corn	15 tph	CEB25	Fabric Filter Low Temperature, T<180°F
B26	B26	Corn Milling Mill A Grit & Germ Separation	Corn	15 tph	CEB26	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B25	PM/PM ₁₀	1.19 lb/hr	LCPH ATI 5787 / PTO 5491
B26	PM/PM ₁₀	0.86 lb/hr	LCPH ATI 5788 / PTO 5492
B25 B26	PM	0.1 gr/dscf	LCPH ATI 5787 / PTO 5491 LCPH ATI 5788 / PTO 5492 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5787 / PTO 5491 LCPH ATI 5788 / PTO 5492 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5788 / PTO 5492

Operating Requirements with Associated Monitoring and Recordkeeping (B25)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-B25 that is not otherwise identified in the application for ATI 5787 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization.
- B. The owner or operator shall monitor and record the differential pressure across CE-B25 on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-B25 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-B25.

- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 5787 / PTO 5491

Operating Limits (B26)

- A. The installation of emission units intending to emit through EP-B26 that is not otherwise identified in the application for ATI 5788 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
- Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5788 / PTO 5492

Operating Condition Monitoring and Recordkeeping (B26)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5788 / PTO 5492

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B25	5787 / 5491	135	V, unobstructed	35 x 26	82	17,425
B26	5788 / 5492	138	V, unobstructed	40 x 30	82	20,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM plan is required for EP B25 only.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B25 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Milling Process A&B, Mill B
Identification: EU B25
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5491
Particulate emission limit: PM: 1.19 lb/hr, 0.1 gr/dscf
PM₁₀: 1.19 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120MCF255)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B27

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B27	B27	Corn Mill A Flour Grinder I Exhaust	Corn	3.75 tph	CEB27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B27	PM/PM ₁₀	0.0053 gr/dscf, 0.22 lb/hr, 0.96 tpy	LCPH ATI 4108 / PTO 4111
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4108 / PTO 4111 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

Operation parameters for the control device delineated at the time of final source testing shall become a part of this permit condition. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring Requirements" shall be installed and maintained in a good operating condition. Authority for Requirement: LCPH ATI 4108 / PTO 4111

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5,850 lb/hr(wet basis)

Maximum exhaust airflow rate: 4,865 scfm

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Pressure drop reading across dust collector

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Record keeping Requirements

A logbook of operation shall be maintained at this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Compliance Plan

The owner/operator of this equipment shall comply with the following compliance plan.

Description

The maximum permitted capacity for Emission Unit B27 is 3.75 tons per hour; however, the local construction permit limits Emission Unit B27 to a maximum process output rate of 5,850 pounds per hour (on a wet basis), which is the equivalent of 2.925 tons per hour and is less than the maximum rated capacity indicated by Quaker Manufacturing. This change needs to be addressed in the local construction permit for Emission Point B27 (LCPH ATI 4108 / PTO 4111).

Condition

The permittee shall apply for a construction permit from Linn County Public Health within six (6) months of the issuance of this permit. This point will be in compliance at the time the construction permit for the unit venting through this point is issued. A summary of all Emission Points subject to a Compliance Plan is located in Appendix C of this operating permit.

Authority for Requirement: 567 IAC 22.108(15)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B27	4108 / 4111	86	V, unobstructed	15	103	4,865

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B28

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B28	B28	Corn Mill A Flour Grinder II Exhaust	Corn	3.75 tph	B28	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B28	PM/PM ₁₀	0.0053 gr/dscf, 0.22 lb/hr, 0.96 tpy	LCPH ATI 4109 / PTO 4112
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4109 / PTO 4112 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

Operation parameters for the control device delineated at the time of final source testing shall become a part of this permit condition. All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5,850 lb/hr (wet basis)

Maximum exhaust airflow rate: 4,865 scfm

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Monitoring Requirement

The following information shall be monitored:

- Pressure drop reading across dust collector.

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Compliance Plan

The owner/operator of this equipment shall comply with the following compliance plan.

Description

The maximum permitted capacity for Emission Unit B28 is 3.75 tons per hour; however, the local construction permit limits Emission Unit B28 to a maximum process output rate of 5,850 pounds per hour (on a wet basis), which is the equivalent of 2.925 tons per hour and is less than the maximum rated capacity indicated by Quaker Manufacturing. This change needs to be addressed in the local construction permit for Emission Point B28 (LCPH ATI 4108 / PTO 4111).

Condition

The permittee shall apply for a construction permit from Linn County Public Health within six (6) months of the issuance of this permit. This point will be in compliance at the time the construction permit for the unit venting through this point is issued. A summary of all Emission Points subject to a Compliance Plan is located in Appendix C of this operating permit.

Authority for Requirement: 567 IAC 22.108(15)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B28	4109 / 4112	86	V, unobstructed	15	100	4,865

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B29, B30

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B29	B29	Grits Drum Dryers #1 – 4 Exhaust	Corn	5,850 lb/hr	--	--
B30	B30	Grits Drum Dryers #5 – 8 Exhaust		5,850 lb/hr	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B29	PM	0.007 gr/dscf, 1.37 lb/hr, 6.0 tpy	LCPH ATI 4110 / PTO 4337
	PM ₁₀	0.004 gr/dscf, 0.78 lb/hr, 3.43 tpy	
B30	PM	0.007 gr/dscf, 2.09 lb/hr, 9.15 tpy	LCPH ATI 4111 / PTO 4338
	PM ₁₀	0.004 gr/dscf, 1.19 lb/hr, 5.23 tpy	
B29 B30	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4110 / PTO 4337 LCPH ATI 4111 / PTO 4338 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5,850 lb/hr (wet basis)

Maximum exhaust airflow rate: 22,808 scfm (B29)

Maximum exhaust airflow rate: 34,843 scfm (B30)

Authority for Requirement: LCPH ATI 4110 / PTO 4337; LCPH ATI 4111 / PTO 4338

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five (5) years, whichever is longer. (B30)
- Any changes in operation that would affect emissions, including changes in fan speed.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4110 / PTO 4337; LCPH ATI 4111 / PTO 4338

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B29	4110 / 4337	120	V, unobstructed	42	105	22,808
B30	4111 / 4338	120	V, unobstructed	45	89	34,843

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B31

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B31	B31	Cooked Grits Dust Collection Exhaust	Corn	2.93 tph	CEB31	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B31	PM/PM ₁₀	0.0053 gr/dscf, 0.47 lb/hr, 2.06 tpy	LCPH ATI 4112 / PTO 4339
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4112 / PTO 4339 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

Operation parameters for the control device delineated at the time of final source testing shall become a part of this permit condition. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring Requirements" shall be installed and maintained in a good operating condition. Authority for Requirement: LCPH ATI 4112 / PTO 4339

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5,850 lb/hr (wet basis)

Maximum exhaust airflow rate: 10,364 scfm

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Compliance Testing & Monitoring Requirements

The following shall be monitored:

- Pressure drop reading across dust collector.

All monitors shall be easily accessible to air pollution control personnel.

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- All maintenance completed on the control device
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Reports

The following information must be submitted to the Linn County Public Health Department by the 15th of each month for the previous quarter (January 15, April 15, July 15 and October 15).

- 1. Quarterly production rate of Instant Grits

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B31	4112 / 4339	26	V, unobstructed	22 x 19	115	10,364

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B33

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B33	B33	Corn Mill B, Finished Product Dryer	Corn	15 tph	CEB33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B33	PM/PM ₁₀	0.02 gr/dscf, 1.71 lb/hr, 7.49 tpy	LCPH ATI 4313 / PTO 4386
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4313 / PTO 4386 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A Kice Model M168 8 sock filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Operating Limits

Corn Mill B Input: 30,000 lb/hr

Exhaust Airflow Rate: 10,000 scfm

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Weekly pressure drop readings across the dust collector while operating
2. Any changes in operation that would affect emissions, including changes in fan speed
3. All maintenance and repair completed on the dust collector

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B33	4313 / 4386	133	Horizontal	28 x 19	95	9,253

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B34

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B34	B34	Corn Milling Process C, Mill B	Corn	15 tph	CEB34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B34	PM/PM ₁₀	0.005 gr/dscf, 0.94 lb/hr	LCPH ATI 5188 / PTO 5173
	PM	0.1 gr/dscf	LCPH ATI 5188 / PTO 5173 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5188 / PTO 5173 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Operating Limits

- A. The installation of emission units intending to emit through EP-B34 that is not otherwise identified in the application for ATI 5188 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B34	5188 / 5173	157	V, unobstructed	36	68	22,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B35

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B35	B35	Corn Milling A & B Hominy System Grinder	Corn	8.5 tph	CEB35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B35	PM/PM ₁₀	0.01 gr/dscf, 0.31 lb/hr	LCPH ATI 4512 / PTO 4546
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4512 / PTO 4546 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-B35 that is not otherwise identified in the application for ATI 4512 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-B35 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-B35 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-B35.
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 4512 / PTO 4546

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B35	4512 / 4546	66	Horizontal	14	Ambient	3,300

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B36

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B36	B36	Corn Mill Dry Mix Hopper	Corn	4.4 tph	CEB36	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B36	PM/PM ₁₀	0.009 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4961 / PTO 4954
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4961 / PTO 4954

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B36	4961 / 4954	35	Indoor	4 x 4	68	352

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D01, D02

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D01	D01	Primary Oat Aspiration #1	Oats	15.4 tph	CED01	Fabric Filter Low Temperature, T<180°F
D02	D02	Primary Oat Aspiration #2	Oats	15.4 tph	CED02	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D01 D02	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5743 / PTO 5545
	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5744 / PTO 5546
	PM	0.1 gr/dscf	LCPH ATI 5743 / PTO 5545 LCPH ATI 5744 / PTO 5546 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity		20%
		No VE	LCPH ATI 5743 / PTO 5545 LCPH ATI 5744 / PTO 5546 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Operating Limits

- A. The installation of emission units intending to emit through EP-D01 (EP-D02) that is not otherwise identified in the application for ATI 5743 (ATI 5744) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D01	5743 / 5545	NA	Indoor	NA	NA	6,900
D02	5744 / 5546	NA	Indoor	NA	NA	6,900

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D03

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D03	D03	Oat Cleaning Process System A	Cereal	35 tph	CED03A	Fabric Filter Low Temperature, T<180°F
					CED03B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D03	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6278 / PTO 6056
	PM	0.1 gr/dscf	LCPH ATI 6278 / PTO 6056 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6278 / PTO 6056 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Operating Limits

- A. The installation of emission units intending to emit through EP-D03 that is not otherwise identified in the application for ATI 6278 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D03A and CE D03B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D03A and CE D03B).

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D03	6278 / 6056	NA	Indoor	28	95	12,803

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D04, D05

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D04	D04	Primary Large Oat Aspiration #3	Oats	15.4 tph	CED04	Fabric Filter Low Temperature, T<180°F
D05	D05	General Dust Collection	Oats	15.4 tph	CED05	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D04	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5745 / PTO 5547
D05	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 5967 / PTO 5644
D04 D05	PM	0.1 gr/dscf	LCPH ATI 5745 / PTO 5547 LCPH ATI 5967 / PTO 5644 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5745 / PTO 5547 LCPH ATI 5967 / PTO 5644 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Operating Limits

- A. The installation of emission units intending to emit through EP-D04 (EP-D05) that is not otherwise identified in the application for ATI 5745 (ATI 5967) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D04	5745 / 5547	NA	Indoor	NA	NA	6,900
D05	5967 / 5644	NA	Indoor	NA	NA	10,125

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D06

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D06	D06	Oats Dryer / Cooler #1	Oats	8 tph	CED06	Dynamic Separator – Dry

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D06	PM/PM ₁₀ /PM _{2.5}	0.42 lb/hr	LPCH ATI 7442 / --
	PM	0.1 gr/dscf	LPCH ATI 7442 / -- 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LPCH ATI 7442 / PTO -- LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D06 that is not otherwise identified in the application for ATI 7442 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across the aerodyne (CE-D06) on a weekly basis. The differential pressure across CE-D06 shall be maintained between 4" – 8" w.c.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- D. CE-D06 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D06.

Authority for Requirement: LCPH ATI 7442 / PTO --

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D06	6398 / 6250	201	V, unobstructed	28	139.3	7,531

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D07

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D07	D07	Oat Cleaning Process System C	Oats Wheat	65 tph	CED07A	Fabric Filter Low Temperature, T<180°F
					CED07B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D07	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5919 / PTO 5605
	PM	0.1 gr/dscf	LCPH ATI 5919 / PTO 5605 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5919 / PTO 5605 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Operating Limits

- A. The installation of emission units intending to emit through EP-D07 that is not otherwise identified in the application for ATI 5919 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D07A and CE D07B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D07A and CE D07B).

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D07	5919 / 5605	NA	Indoor	NA	NA	11,930

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D08, D09, D10, D11, D12, D13

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D08	D08	Oats Dryer / Cooler #2	Oats	8 tph	CED08	Dynamic Separator – Dry
D09	D09	Oats Dyer / Cooler #3		8 tph	CED09	Dynamic Separator – Dry
D10	D10	Oats Dryer / Cooler #4		8 tph	CED10	Dynamic Separator – Dry
D11	D11	Oats Dryer / Cooler #5		8 tph	CED11	Dynamic Separator – Dry
D12	D12	Oats Dryer / Cooler #6		8 tph	CED12	Dynamic Separator – Dry
D13	D13	Oats Dryer / Cooler #7		8 tph	CED13	Dynamic Separator – Dry

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D08	PM/PM ₁₀ /PM _{2.5}	0.40 lb/hr	LCPH ATI 7443 / PTO --
D09		0.39 lb/hr	LCPH ATI 7444 / PTO --
D10		0.37 lb/hr	LCPH ATI 7445 / PTO --
D11		0.34 lb/hr	LCPH ATI 7446 / PTO --
D12		0.38 lb/hr	LCPH ATI 7447 / PTO --
D13		0.30 lb/hr	LCPH ATI 7448 / PTO --
D08 D09 D10 D11 D12 D13	PM	0.1 gr/dscf	LCPH ATI 7443 / PTO -- LCPH ATI 7444 / PTO -- LCPH ATI 7445 / PTO -- LCPH ATI 7446 / PTO -- LCPH ATI 7447 / PTO -- LCPH ATI 7448 / PTO -- 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
D08 D09 D10 D11 D12 D13	Opacity	20%	LCPH ATI 7443 / PTO -- LCPH ATI 7444 / PTO -- LCPH ATI 7445 / PTO -- LCPH ATI 7446 / PTO -- LCPH ATI 7447 / PTO -- LCPH ATI 7448 / PTO -- LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D08 (EP-D09, EP-D10, EP-D11, EP-D12, EP-D13) that is not otherwise identified in the application for ATI 7443 (ATI 7444, ATI

7445, ATI 7446, ATI 7447, ATI 7448) and authorized by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.

- B. The owner or operator shall monitor and record the differential pressure across the aerodyne (CE-D08, CE-D09, CE-D10, CE-D11, CE-D12, CE-D13) on a weekly basis. The differential pressure across CE-D08 (CE-D09, CE-D10, CE-D11, CE-D12, CE-D13) shall be maintained between 4" – 8" w.c.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emission's will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- D. CE-D08 (CE-D09, CE-D10, CE-D11, CE-D12, CE-D13) shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D08 (CE-D09, CE-D10, CE-D11, CE-D12, CE-D13).

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D08	7443 / --	205	V, unobstructed	17 x 17	123	7,208
D09	7444 / --	205	V, unobstructed	13 x 18	143.4	6,916
D10	7445 / --	205	V, unobstructed	17 x 17	125	6,627
D11	7446 / --	205	V, unobstructed	16.5 x 17.5	132.3	6,150
D12	7447 / --	205	V, unobstructed	17 x 17	124	6,754
D13	7448 / --	205	V, unobstructed	17 x 17	120	5,412

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D14, D15, D16

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D14	D14	Oat Cleaning Process System D	Oats	65 tph	CED14	Fabric Filter Low Temperature, T<180°F
D15	D15	Secondary Large Oat Aspiration #1	Oats	15.4 tph	CED15	Fabric Filter Low Temperature, T<180°F
D16	D16	Secondary Large Oat Aspiration #2	Oats	15.4 tph	CED16	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D14 D15 D16	PM/PM ₁₀	0.60 lb/hr	LCPH ATI 5920 / PTO 5606
	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5747 / PTO 5549
	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5748 / PTO 5550
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
	Opacity	No VE	LCPH ATI 5920 / PTO 5606 LCPH ATI 5747 / PTO 5549 LCPH ATI 5748 / PTO 5550 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549
LCPH ATI 5748 / PTO 5550

Operating Limits

- A. The installation of emission units intending to emit through EP-D14 (EP-D15, EP-D16) that is not otherwise identified in the application for ATI 5920 (ATI 5747, ATI 5748) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549

LCPH ATI 5748 / PTO 5550

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D14	5920 / 5606	NA	Indoor	NA	NA	17,438
D15	5747 / 5549	NA	Indoor	NA	NA	4,408
D16	5748 / 5550	NA	Indoor	NA	NA	4,408

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D17

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D17	D17	Oats Transfer / Packaging System A	Oats	33 tph	CED17	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D17	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
D17	170 / 98	103	Horizontal	15	91	3,905

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D18, D19, D20

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D18	D18	Secondary Large Oat Aspiration #3	Oats	15.4 tph	CED18	Fabric Filter Low Temperature, T<180°F
D19	D19	Primary Stub Oat Aspiration	Oats	15.4 tph	CED19	Fabric Filter Low Temperature, T<180°F
D20	D20	Secondary Stub Oat Aspiration	Oats	15.4 tph	CED20	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D18	PM/PM ₁₀	0.15 lb/hr	LPCH ATI 5749 / PTO 5551
D19	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5750 / PTO 5552
D20	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5751 / PTO 5553
D18 D19 D20	PM	0.1 gr/dscf	LCPH ATI 5749 / PTO 5551 LCPH ATI 5750 / PTO 5552 LCPH ATI 5751 / PTO 5553 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
		20%	LCCO Sec. 10-60
	Opacity	No VE	LCPH ATI 5749 / PTO 5551 LCPH ATI 5750 / PTO 5552 LCPH ATI 5751 / PTO 5553 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Operating Limits

- A. The installation of emission units intending to emit through EP-D18 (D19, D20) that is not otherwise identified in the application for ATI 5749 (ATI 5750, ATI 5751) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(d)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D18	5749 / 5551	NA	Indoor	NA	NA	4,408
D19	5750 / 5552	NA	Indoor	NA	NA	6,900
D20	5751 / 5553	NA	Indoor	NA	NA	4,408

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D21

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D21	D21	Oat Rolling & Transfer System A	Oats	53.3 tph	CED21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D21	PM/PM ₁₀	0.005 gr/dscf, 0.16 lb/hr, 0.70 tpy	LCPH ATI 5176 / PTO 5140
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5176 / PTO 5140 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Operating Limits

- A. The installation of emission units intending to emit through EP-D21 that is not otherwise identified in the application for ATI 5176 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record pressure drop readings and corrective action taken in response to permit condition "Operating Limits B".
- 3) Monitor and record "no visible emissions" on a weekly basis.
- 4) Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D21	5176 / 5140	163	Horizontal	12 x 14	90	3,722

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D23

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D23	D23	Elevator C, Bin #3 Airlock	Oats	3.5 tph	CED23	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement	
D23	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5741 / PTO 5461	
	PM	0.1 gr/dscf	LCPH ATI 5741 / PTO 5461 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)	
	Opacity		20%	LCCO Sec. 10-60
			No VE	LCPH ATI 5741 / PTO 5461 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5741 / PTO 5461

Operating Limits

- A. The installation of emission units intending to emit through EP-D23 that is not otherwise identified in the application for ATI 5741 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5741 / PTO 5461

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5741 / PTO 5461

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D23	5741 / 5461	NA	Indoor	24	NA	196

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D24

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D24	D24	Pneumatic Transfer System – Steel Cut Oats	Oats	7.5 tph	CED24	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D24	PM	0.1 gr/dscf	LCPH ATI 7123 / PTO 6929 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7123 / PTO 6929 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D24 that is not otherwise identified in the application for ATI 7123 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-D24 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-D24 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D24.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D24	7123 / 6929	NA	Indoor	NA	NA	641

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D25, D26, D27

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D25	D25	CH2 General Dust Collection	Oats	2.5 tph	CED25	Fabric Filter Low Temperature, T<180°F
D26	D26	CH2 Grading Gravity Tables (2)	Oats	2.5 tph per table	CED26	Fabric Filter Low Temperature, T<180°F
D27	D27	Oat Bran Flour Bin-top (Bin #4)	Oats	5 tph	CED27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D25	PM/PM ₁₀	0.46 lb/hr	LCPH ATI 6279 / PTO 6057
D26	PM/PM ₁₀	0.06 lb/hr	LCPH ATI 5922 / PTO 5608
D27	PM/PM ₁₀	0.05 lb/hr	LCPH ATI 5737 / PTO 5465
D25 D26 D27	PM	0.1 gr/dscf	LCPH ATI 6279 / PTO 6057 LCPH ATI 5922 / PTO 5608 LCPH ATI 5737 / PTO 5465 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
		20%	LCCO Sec. 10-60
	Opacity	No VE	LCPH ATI 6279 / PTO 6057 LCPH ATI 5922 / PTO 5608 LCPH ATI 5737 / PTO 5465 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Operating Limits

- A. The installation of emission units intending to emit through EP-D25 (EP-D26, EP-D27) that is not otherwise identified in the application for ATI 6279 (ATI 5922, ATI 5737) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D25	6279 / 6057	NA	Indoor	24	Ambient	13,400
D26	5922 / 5608	NA	Indoor	NA	NA	1,625
D27	5737 / 5465	NA	Indoor	NA	NA	1,225

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D28**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D28	D28	Oat Rolling System G	Oats	42 tph	--	--

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D28	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
D28	-- / 1729	172	V, obstructed	28	95	18,153

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D29

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D29	D29	Oat Cleaning Process System K	Oats	42 tph	CED29A	Fabric Filter Low Temperature, T<180°F
					CED29B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D29	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5923 / PTO 5609
	PM	0.1 gr/dscf	LCPH ATI 5923 / PTO 5609 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5923 / PTO 5609 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Operating Limits

- A. The installation of emission units intending to emit through EP-D29 that is not otherwise identified in the application for ATI 5923 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D29A and CE D29B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D29A and CE D29B).

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D29	5923 / 5609	NA	Indoor	NA	NA	16,451

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D30, D31, D32, D33

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D30	D30	Oat Flour Bliss Mill System #1	Oats	4 tph	CED30	Fabric Filter Low Temperature, T<180°F
D31	D31	Oat Flour Filter Receiver System #1	Oats	4 tph	CED31	Fabric Filter Low Temperature, T<180°F
D32	D32	Oat Flour Bliss Mill System #2	Oats	4 tph	CED32	Fabric Filter Low Temperature, T<180°F
D33	D33	Oat Flour Filter Receiver System #2	Oats	4 tph	CED33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D30	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 6761 / PTO 6539
D31	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6762 / PTO 6540
D32	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 6763 / PTO 6541
D33	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6764 / PTO 6542
D30 D31 D32 D33	PM	0.1 gr/dscf	LCPH ATI 6761 / PTO 6539 LCPH ATI 6762 / PTO 6540 LCPH ATI 6763 / PTO 6541 LCPH ATI 6764 / PTO 6542 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
			Opacity
	No VE	LCPH ATI 6762 / PTO 6540 LCPH ATI 6764 / PTO 6542 LCCO Sec. 10-58(c)(2)	

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

Cartridge filters shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6762 / PTO 6540
LCPH ATI 6763 / PTO 6541; LCPH ATI 6764 / PTO 6542

Operating Limits

- A. The installation of emission units intending to emit through EP-D30 (EP-D31, EP-D32, EP-D33) that is not otherwise identified in the application for ATI 6761 (ATI 6762, ATI 6763, ATI 6764) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.

- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6762 / PTO 6540;
LCPH ATI 6763 / PTO 6541; LCPH ATI 6764 / PTO 6542

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6762 / PTO 6540;
LCPH ATI 6763 / PTO 6541; LCPH ATI 6764 / PTO 6542

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken. **(EP's D30 and D32 only)**

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6763 / PTO 6541;

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D30	6761 / 6539	24	Downward	24 x 17	78	3,600
D31	6762 / 6540	NA	Indoor	NA	NA	400
D32	6763 / 6541	24	Downward	24 x 17	78	2,692
D33	6764 / 6542	NA	Indoor	NA	NA	400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

- Agency Approved Operation & Maintenance Plan Required?** Yes No
- See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.
- Facility Maintained Operation & Maintenance Plan Required?** Yes No
- Compliance Assurance Monitoring (CAM) Plan Required?** Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D34

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D34	D34	CH2 Grading Gravity Tables (2)	Oats	2.5 tph per table	CED34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D34	PM/PM ₁₀	0.38 lb/hr	LCPH ATI 5925 / PTO 5611
	PM	0.1 gr/dscf	LCPH ATI 5925 / PTO 5611 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5925 / PTO 5611 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Operating Limits

- A. The installation of emission units intending to emit through EP-D34 that is not otherwise identified in the application for ATI 5925 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D34	5925 / 5611	NA	Indoor	NA	NA	11,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D35

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D35	D35	Super Sack Flour	Oats	5 tph	CED35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D35	PM/PM ₁₀	0.09 lb/hr	LCPH ATI 6171 / PTO 5937
	PM	0.1 gr/dscf	LCPH ATI 6171 / PTO 5937 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6171 / PTO 5937 LCCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Operating Limits

- A. The installation of emission units intending to emit through EP-D35 that is not otherwise identified in the application for ATI 6171 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D35	6171 / 5937	NA	Indoor	NA	NA	1,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D36, D37

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D36	D36	Oat Flour Mill General Dust Colletion System #1	Oats	7.5 tph	CED36	Fabric Filter Low Temperature, T<180°F
D37	D37	Oat Flour Mill General Dust Colletion System #2	Oats	7.5 tph	CED37	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D36	PM/PM ₁₀	0.23 lb/hr	LCPH ATI 6765 / PTO 6543
D37	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6766 / PTO 6544
D36 D37	PM	0.1 gr/dscf	LCPH ATI 6765 / PTO 6543 LCPH ATI 6766 / PTO 6544 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6765 / PTO 6543 LCPH ATI 6766 / PTO 6544 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Operating Limits

- A. The installation of emission units intending to emit through EP-D36 (EP-D37) that is not otherwise identified in the application for ATI 6765 (ATI 6766) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D36	6765 / 6543	121	V, unobstructed	18	100	5,451
D37	6766 / 6544	121	V, unobstructed	18	100	4,791

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D38**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D38	D38	Oat Conveying / Transfer Process B	Oats	42 tph	CED38	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D38	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D38	1351 / 1395	117	Horizontal	40 x 24	93	1,756

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D39

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D39	D39	Pneumatic Transfer Systems – Groat Storage	Oats	12.5 tph	CED39	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D39	PM/PM ₁₀	0.005 gr/dscf, 0.08 lb/hr, 0.35 tpy	LCPH ATI 5181 / PTO 5141
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5181 / PTO 5141 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5181 / PTO 5141

Operating Limits

- A. The installation of emission units intending to emit through EP-D39 that is not otherwise identified in the application for ATI 5181 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5181 / PTO 5141

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record pressure drop readings and corrective action taken in response to permit condition 15.B [of LCPH ATI 5181 / PTO 5141].
- 3) Monitor and record "no visible emissions" on a weekly basis.

4) Record all maintenance and repair activities completed on the fabric filter dust collector.
 Authority for Requirement: LCPH ATI 5181 / PTO 5141

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D39	5181 / 5141	117	Horizontal	40 x 24	92	1,677

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D40

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D40	D40	Oat Cleaning Process System E	Grain	42 tph	CED40A	Fabric Filter Low Temperature, T<180°F
					CED40B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D40	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 6307 / PTO 6086
	PM	0.1 gr/dscf	LCPH ATI 6307 / PTO 6086 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6307 / PTO 6086 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Operating Limits

- A. The installation of emission units intending to emit through EP-D40 that is not otherwise identified in the application for ATI 6307 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D40A and CE D40B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D40A and CE D40B).

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D40	6307 / 6086	NA	Indoor	NA	NA	5,684

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D41

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D41	D41	Project Big Oat Aspirators	Oats	8 tph	CED41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D41	PM/PM ₁₀	0.11 lb/hr	LCPH ATI 5942 / PTO 5640
	PM	0.1 gr/dscf	LCPH ATI 5942 / PTO 5640 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5942 / PTO 5640 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Operating Limits

- A. The installation of emission units intending to emit through EP-D41 that is not otherwise identified in the application for ATI 5942 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D41	5942 / 5640	NA	Indoor	NA	NA	3,200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D42

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D42	D42	Oat Rolling System 1	Oats	40 tph	CED42	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D42	PM/PM ₁₀	1.43 lb/hr	LCPH ATI 6524 / PTO 6259
	PM	0.1 gr/dscf	LCPH ATI 6524 / PTO 6259 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6524 / PTO 6259 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6524 / PTO 6259

Operating Limits

- A. The installation of emission units intending to emit through EP-D42 that is not otherwise identified in the application for ATI 6524 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5486 / PTO 5252

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of [five (5)] years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.

- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 5486 / PTO 5252

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D42	6524 / 6259	172	V, unobstructed	30 x 40	103.3	42,792

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D42 Baghouse**

I. Background

A. Emissions Unit

Description: Oat Rolling System I
 Identification: EU D42
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6259
 Particulate emission limit: PM: 1.43 lb/hr, 0.1 gr/dscf
 PM₁₀: 1.43 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: daily differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 AV396)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D43

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D43	D43	Oat Cleaning Process System F	Oats	65 tph	CED43A	Fabric Filter Low Temperature, T<180°F
					CED43B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D43	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5837 / PTO 5574
	PM	0.1 gr/dscf	LCPH ATI 5837 / PTO 5574 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5837 / PTO 5574 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Operating Limits

- A. The installation of emission units intending to emit through EP-D43 that is not otherwise identified in the application for ATI 5837 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D43A and CE D43B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D43A and CE D43B).

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D43	5837 / 5574	NA	Indoor	NA	NA	15,803

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D44

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D44	D44	B-Grade Blower A-Grade Blower Instant Blower Track 5 Blower Elevator D Blower	Oats	47.5 tph	CED44	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D44	PM/PM ₁₀	0.01 gr/dscf, 0.65 lb/hr	LCPH ATI 4885 / PTO 4845
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4885 / PTO 4845 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4885 / PTO 4845

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the pressure differential across the control device on a weekly basis.
- B. Maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 4885 / PTO 4845

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D44	4885 / 4845	126	V, unobstructed	18	110	6,910

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D44 Baghouse**

I. Background

A. Emissions Unit

Description: B-Grade Blower, A-Grade Blower, Instant Blower, Track 5 Blower, Elevator D Blower
Identification: EU D44
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4845
Particulate emission limit: PM: 0.65 lb/hr, 0.01 gr/dscf, 0.1 gr/dscf
PM₁₀: 0.65 lb/hr, 0.01 gr/dscf
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 MWP 40)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D45

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D45	D45	Oats / Instant Oats Processing / Transfer System A	Oats	40 tph	CED45	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D45	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5487 / PTO 5253
	PM	0.1 gr/dscf	LCPH ATI 5487 / PTO 5253 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5487 / PTO 5253 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Operating Limits

- A. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the differential pressure across the control device on a weekly basis.
- 2) Record all maintenance and repair work completed on the control device

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D45	5487 / 5253	172	V, unobstructed	46.25 x 32.75	98.2	27,608

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D45 Baghouse**

I. Background

A. Emissions Unit

Description: Oat / Instant Oats Processing / Transfer System A
Identification: EU D45
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5253
Particulate emission limit: PM: 0.39 lb/hr, 0.1 gr/dscf
PM₁₀: 0.39 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 AV396 3)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D46

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D46	D46	Gravity Tables (2)	Oats	15.4 tph	CED46	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D46	PM/PM ₁₀	0.75 lb/hr	LCPH ATI 5752 / PTO 5554
	PM	0.1 gr/dscf	LCPH ATI 5752 / PTO 5554 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5752 / PTO 5554 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Operating Limits

- A. The installation of emission units intending to emit through EP-D46 that is not otherwise identified in the application for ATI 5752 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D46	5752 / 5554	NA	Indoor	NA	NA	22,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D47, D49, D50, D51, D52, D53

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D47	D47	CH2 General Dust Collection	Oats	11.4 tph	CED47A	Fabric Filter Low Temperature, T<180°F
					CED47B	HEPA Filter
D49	D49	CH2 Grading Gravity Table (1)	Oats	15 tph	CED49A	Fabric Filter Low Temperature, T<180°F
					CED49B	HEPA Filter
D50	D50	Oat Cleaning Process System H	Oats	65 tph	CED50A	Fabric Filter Low Temperature, T<180°F
					CED50B	HEPA Filter
D51	D51	Oat Cleaning Process System I	Oats	65 tph	CED51A	Fabric Filter Low Temperature, T<180°F
					CED51B	HEPA Filter
D52	D52	Oat Cleaning Process System J	Oats	65 tph	CED52A	Fabric Filter Low Temperature, T<180°F
					CED52B	HEPA Filter
D53	D53	Oat Pro Processing System	Oats	0.5 tph	CED53	Fabric Filter Low Temperature, T<180°F
					CED53B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D47	PM/PM ₁₀	0.03 lb/hr	LCPH ATI 5968 / PTO 5645
D49	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5754 / PTO 5556
D50	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5792 / PTO 5497
D51	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5793 / PTO 5498
D52	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5794 / PTO 5499
D53	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5795 / PTO 5500
D47 D49 D50 D51 D52 D53	PM	0.1 gr/dscf	LCPH ATI 5968 / PTO 5645 LCPH ATI 5754 / PTO 5556 LCPH ATI 5792 / PTO 5497 LCPH ATI 5793 / PTO 5498 LCPH ATI 5794 / PTO 5499 LCPH ATI 5795 / PTO 5500 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5968 / PTO 5645 LCPH ATI 5754 / PTO 5556 LCPH ATI 5792 / PTO 5497 LCPH ATI 5793 / PTO 5498 LCPH ATI 5794 / PTO 5499 LCPH ATI 5795 / PTO 5500 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector [and HEPA filter] shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Operating Limits

- A. The installation of emission units intending to emit through EP-D47 (EP-D49, EP-D50, EP-D51, EP-D52, EP-D53) that is not otherwise identified in the application for ATI 5968 (ATI 5754, ATI 5792, ATI 5793, ATI 5794, ATI 5795) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE D47A and CE D47B; [CE D49A and CE D49B]; CE D50A and CE D50B; CE D51A and CE D51B; CE D52A and CE D52B; CE D53A and CE D53B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE D47A and CE D47B; [CE D49A and CE D49B]; CE D50A and CE D50B; CE D51A and CE D51B; CE D52A and CE D52B; CE D53A and CE D53B).

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D47	5968 / 5645	NA	Indoor	NA	NA	18,000
D49	5754 / 5556	NA	Indoor	NA	NA	11,000
D50	5792 / 5497	NA	Indoor	NA	NA	10,472
D51	5793 / 5498	NA	Indoor	NA	NA	8,816
D52	5794 / 5499	NA	Indoor	NA	NA	7,099
D53	5795 / 5500	NA	Indoor	NA	NA	8,914

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D54**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D54	D54	Groats Transfer System to Milling & Two Rolls Aspiration	Oats	25 tph	CED54	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D54	PM/PM ₁₀	0.02 gr/dscf, 2.6 lb/hr, 11.3 tpy	LCPH ATI 4150 / PTO 4259
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		10%	LCPH ATI 4150 / PTO 4259

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Operating Limits

Airflow to the baghouse shall be limited to 15,000 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
D54	4150 / 4259	163	V, unobstructed	34	118.5	13,267

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D54 Baghouse**

I. Background

A. Emissions Unit

Description: Groats Transfer to Milling & Two Flaking Rolls Aspiration
Identification: EU D54
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4259
Particulate emission limit: PM: 2.6 lb/hr, 11.3 tpy, 0.02 gr/dscf, 0.1 gr/dscf
PM₁₀: 2.6 lb/hr, 11.3 tpy, 0.02 gr/dscf
Opacity emission limit: 10%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 120AV308 Style I)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D55

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D55	D55	Oat Flour Mill General Dust Collection	Oats	7.5 tph	CED55	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D55	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 6820 / PTO 6565
	PM	0.1 gr/dscf	LCPH ATI 6820 / PTO 6565 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6820 / PTO 6565 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

Cartridge filters shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6820 / PTO 6565

Operating Limits

- A. The installation of emission units intending to emit through EP-D55 that is not otherwise identified in the application for ATI 6820 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6820 / PTO 6565

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6820 / PTO 6565

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D55	6820 / 6565	NA	Indoor	NA	NA	10,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D56**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D56	D56	Elevator C, Storage Bin #3	Oats	4.75 tph	CED56	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D56	PM/PM ₁₀	0.22 lb/hr	LCPH ATI 5560 / PTO 5438
	PM	0.1 gr/dscf	LCPH ATI 5560 / PTO 5438 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5560 / PTO 5438 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Operating Limits

- A. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Operating Condition Monitoring & Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the differential pressure across the control device on a weekly basis.
- 2) Record all maintenance and repair work completed on the control device.
- 3) Monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D56	5560 / 5438	91	V, unobstructed	20	96	5,232

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D57

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D57	D57	C-Mill / Truck 13 Groat Transfer System	Oats	35 tph	CED57	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D57	PM/PM ₁₀	0.005 gr/dscf, 0.18 lb/hr	LCPH ATI 5020 / PTO 5039
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5020 / PTO 5039 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Operating Limits

- The maximum exhaust airflow rate shall not exceed 4,180 scfm.
- The installation of emission units intending to emit through EP-D57 that is not otherwise identified in the application for ATI 5020 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Monitor and record weekly pressure drop readings across the dust collector while operating.
- Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D57	5020 / 5039	130	V, unobstructed	13	Ambient	4,180

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D58

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D58	D58	SQO Storeveyor	Flour	37.5 tph	CED58	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D58	PM/PM ₁₀	0.25 lb/hr	LCPH ATI 7243 / PTO 6962
	PM	0.1 gr/dscf	LCPH ATI 7243 / PTO 6962 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7243 / PTO 6962

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D58 that is not otherwise identified in the application for ATI 7243 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-D58 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-D58 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D58.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D58	7243 / 6962	NA	Indoor	NA	NA	7,320

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D59

Associated Equipment.

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D59	D59	Project Big Oat – General Dust Collection	Oats	20 tph	CED59	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D59	PM/PM ₁₀	0.34 lb/hr	LCPH ATI 6525 / PTO 6260
	PM	0.1 gr/dscf	LCPH ATI 6525 / PTO 6260 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6525 / PTO 6260 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Operating Limits

- A. The installation of emission units intending to emit through EP-D59 that is not otherwise identified in the application for ATI 6525 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of [five (5)] years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

B. The owner or operator shall record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D59	6525 / 6260	NA	Indoor	NA	NA	10,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D60	D60	Dirty Filter Receiver #1	Hulls	13.25 tph	CED60	Fabric Filter Low Temperature, T<180°F
D61	D61	Dirty Filter Receiver #2	Hulls	13.25 tph	CED61	Fabric Filter Low Temperature, T<180°F
D62	D62	300 V Gravity Table	Hulls	25 tph	CED62	Fabric Filter Low Temperature, T<180°F
D63	D63	Light Oats Primary Aspiration Filter Receiver	Hulls	12.25 tph	CED63	Fabric Filter Low Temperature, T<180°F
D64	D64	Light Oats Secondary Aspiration Filter Receiver	Hulls	8.45 tph	CED64	Fabric Filter Low Temperature, T<180°F
D65	D65	Light Oats Destoner Filter Receiver	Hulls	3.8 tph	CED65	Fabric Filter Low Temperature, T<180°F
D66	D66	90V Gravity Table	Hulls	6.5 tph	CED66	Fabric Filter Low Temperature, T<180°F
D67	D67	Heavy Oats Primary Aspiration Filter Receiver	Hulls	13 tph	CED67	Fabric Filter Low Temperature, T<180°F
D68	D68	Heavy Oats Secondary Aspiration Filter Receiver	Hulls	15 tph	CED68	Fabric Filter Low Temperature, T<180°F
D69	D69	Heavy Oats Destoner Filter Receiver	Hulls	4 tph	CED69	Fabric Filter Low Temperature, T<180°F
D71	D71	Dried Groats Aspiration Filter Receiver	Hulls	9 tph	CED71	Fabric Filter Low Temperature, T<180°F
D72	D72	B Grade Gravity Table	Hulls	6.5 tph	CED72	Fabric Filter Low Temperature, T<180°F
D73	D73	Chips Surge Bin Supply Cyclone Receiver	Hulls	1.5 tph	CED73	Fabric Filter Low Temperature, T<180°F
D74	D74	General Dust Collection #1	Hulls	26.5 tph	CED74	Fabric Filter Low Temperature, T<180°F
D75	D75	General Dust Collection #2	Hulls	26.5 tph	CED75	Fabric Filter Low Temperature, T<180°F
D76	D76	General Sanitation Vacuum System	Hulls	26.5 tph	CED76	Fabric Filter Low Temperature, T<180°F
D77	D77A	CH#3 Grading Gravity Table	Hulls	4.5 tph	CED77	Fabric Filter Low Temperature, T<180°F
	D77B	CH#3 Grading Gravity Table	Oats	2.5 tph		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement	
D60	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5391 / PTO 5408	
D61	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5392 / PTO 5409	
D62	PM/PM ₁₀	0.004 gr/dscf, 0.75 lb/hr	LCPH ATI 5393 / PTO 5410	
D63	PM/PM ₁₀	0.004 gr/dscf, 0.24 lb/hr	LCPH ATI 5394 / PTO 5411	
D64	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5395 / PTO 5412	
D65	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5396 / PTO 5413	
D66	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5397 / PTO 5414	
D67	PM/PM ₁₀	0.004 gr/dscf, 0.24 lb/hr	LCPH ATI 5398 / PTO 5415	
D68	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5399 / PTO 5416	
D69	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5400 / PTO 5417	
D71	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5401 / PTO 5418	
D72	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5402 / PTO 5419	
D73	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr	LCPH ATI 5403 / PTO 5420	
D74	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5404 / PTO 5421	
D75	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5405 / PTO 5422	
D76	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr	LCPH ATI 5406 / PTO 5423	
D77	PM/PM ₁₀	0.004 gr/dscf, 0.48 lb/hr	LCPH ATI 5687 / PTO 5406	
D60 D61 D62 D63 D64 D65 D66 D67 D68 D69	PM	0.1 gr/dscf	LCPH ATI 5391 / PTO 5408 LCPH ATI 5392 / PTO 5409 LCPH ATI 5393 / PTO 5410 LCPH ATI 5394 / PTO 5411 LCPH ATI 5395 / PTO 5412 LCPH ATI 5396 / PTO 5413 LCPH ATI 5397 / PTO 5414 LCPH ATI 5398 / PTO 5415 LCPH ATI 5399 / PTO 5416 LCPH ATI 5400 / PTO 5417 LCPH ATI 5401 / PTO 5418 LCPH ATI 5402 / PTO 5419 LCPH ATI 5403 / PTO 5420 LCPH ATI 5404 / PTO 5421 LCPH ATI 5405 / PTO 5422 LCPH ATI 5406 / PTO 5423 LCPH ATI 5687 / PTO 5406 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)	
		20%	LCCO Sec. 10-60	
	D71 D72 D73 D74 D75 D76 D77	Opacity	No VE	LCPH ATI 5391 / PTO 5408 LCPH ATI 5392 / PTO 5409 LCPH ATI 5393 / PTO 5410 LCPH ATI 5394 / PTO 5411 LCPH ATI 5395 / PTO 5412 LCPH ATI 5396 / PTO 5413 LCPH ATI 5397 / PTO 5414 LCPH ATI 5398 / PTO 5415 LCPH ATI 5399 / PTO 5416 LCPH ATI 5400 / PTO 5417 LCPH ATI 5401 / PTO 5418 LCPH ATI 5402 / PTO 5419 LCPH ATI 5403 / PTO 5420 LCPH ATI 5404 / PTO 5421 LCPH ATI 5405 / PTO 5422 LCPH ATI 5406 / PTO 5423 LCPH ATI 5687 / PTO 5406 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used [installed (EP D77)] to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417
LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419
LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
LCPH ATI 5687 / PTO 5406

Operating Limits

- A. The installation of emission units intending to emit through EP-D60 [D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77] that is not otherwise identified in the application for ATI 5391 [5392, 5393, 5394, 5395, 5396, 5397, 5398, 5399, 5400, 5401, 5402, 5403, 5404, 5405, 5406, 5687] and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] [Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. For plant-wide operating limits see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417
LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419
LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
LCPH ATI 5687 / PTO 5406

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 3) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417

LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419
 LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
 LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
 LCPH ATI 5687 / PTO 5406

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D60	5391 / 5408	NA	Indoor	NA	NA	3,500
D61	5392 / 5409	NA	Indoor	NA	NA	3,500
D62	5393 / 5410	NA	Indoor	NA	NA	22,000
D63	5394 / 5411	NA	Indoor	NA	NA	6,900
D64	5395 / 5412	NA	Indoor	NA	NA	4,600
D65	5396 / 5413	NA	Indoor	NA	NA	3,500
D66	5397 / 5414	NA	Indoor	NA	NA	16,000
D67	5398 / 5415	NA	Indoor	NA	NA	6,900
D68	5399 / 5416	NA	Indoor	NA	NA	4,600
D69	5400 / 5417	NA	Indoor	NA	NA	3,500
D71	5401 / 5418	NA	Indoor	NA	NA	4,600
D72	5402 / 5419	NA	Indoor	NA	NA	16,000
D73	5403 / 5420	NA	Indoor	NA	NA	150
D74	5404 / 5421	NA	Indoor	NA	NA	16,000
D75	5405 / 5422	NA	Indoor	NA	NA	16,000
D76	5406 / 5423	NA	Indoor	NA	NA	300
D77	5687 / 5406	NA	Indoor	NA	NA	14,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D78, D79

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D78	D78	A Grade Groat Transfer to C-Mill Filter Receiver	Oats	7.5 tph	CED78	Fabric Filter Low Temperature, T<180°F
D79	D79	A Grade Groat Transfer to Elevator D Filter Receiver	Oats	7.5 tph	CED79	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D78	PM/PM ₁₀	0.005 gr/dscf, 0.11 lb/hr	LCPH ATI 5407 / PTO 5424
D79	PM/PM ₁₀	0.005 gr/dscf, 0.11 lb/hr	LCPH ATI 5408 / PTO 5425
D78 D79	PM	0.1 gr/dscf	LCPH ATI 5407 / PTO 5424 LCPH ATI 5408 / PTO 5425 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5407 / PTO 5424 LCPH ATI 5408 / PTO 5425 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Operating Limits

- A. The installation of emission units intending to emit through EP-D78 (D79) that is not otherwise identified in the application for ATI 5407 (5408) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Monitor and record "no visible emissions" on a weekly basis.
- 3) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 4) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D78	5407 / 5424	130	V, unobstructed	16	70	2,500
D79	5408 / 5425	120	V, unobstructed	16	70	2,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D80, D81

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D80	D80	B Grade Groat Transfer to C-Mill Filter Receiver	Oats	7.65 tph	CED80	Fabric Filter Low Temperature, T<180°F
D81	D81	B Grade Groat Transfer to Elevator D Filter Receiver	Oats	7.65 tph	CED81	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D80	PM/PM ₁₀	0.005 gr/dscf, 0.10 lb/hr	LCPH ATI 5409 / PTO 5426
D81	PM/PM ₁₀	0.005 gr/dscf, 0.10 lb/hr	LCPH ATI 5410 / PTO 5427
D80 D81	PM	0.1 gr/dscf	LCPH ATI 5409 / PTO 5426 LCPH ATI 5410 / PTO 5427 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5409 / PTO 5426 LCPH ATI 5410 / PTO 5427 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Operating Limits

- A. The installation of emission units intending to emit through EP-D80 (D81) that is not otherwise identified in the application for ATI 5409 (5410) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Monitor and record "no visible emissions" on a weekly basis.
- 3) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 4) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D80	5409 / 5426	130	V, unobstructed	16	70	2,300
D81	5410 / 5427	120	V, unobstructed	16	70	2,300

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D82

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D82	D82	MIAG Kiln #1	Groats	8.5 tph	CED82	Aerodyne Development Collector
	D83	MIAG Kiln #2	Groats	8.5 tph	CED83	Aerodyne Development Collector

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D82	PM/PM ₁₀	0.008 gr/dscf, 0.51 lb/hr	LCPH ATI 5411 / PTO 5428
	PM	0.1 gr/dscf	LCPH ATI 5411 / PTO 5428 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5411 / PTO 5428 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

An aerodyne shall be installed to control particulate matter emissions from EU D82 and EU D83. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Operating Limits

- A. The installation of emission units intending to emit through EP-D82 that is not otherwise identified in the application for ATI 5411 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- C. The differential pressure across the aerodynes (CE-D82 and CE-D83) shall be maintained between 4" – 8" w.c.
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure established under "Operating Limits"(C) on a weekly basis.

- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner or operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the aerodynes (CE-D82 and CE-D83).
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D82	5411 / 5428	130	V, unobstructed	26	180	7,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

- Agency Approved Operation & Maintenance Plan Required?** Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.
- Facility Maintained Operation & Maintenance Plan Required?** Yes No
- Compliance Assurance Monitoring (CAM) Plan Required?** Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D85**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D85	D85	CH2 Gravity Tables & New Aspirator	Oats	9 tph	CED85	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D85	PM/PM ₁₀	0.52 lb/hr	LCPH ATI 6280 / PTO 6058
	PM	0.1 gr/dscf	LCPH ATI 6280 / PTO 6058 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6280 / PTO 6058 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Operating Limits

- A. The installation of emission units intending to emit through EP-D85 that is not otherwise identified in the application for ATI 6280 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D85	6280 / 6058	NA	Indoor	27 x 28	Ambient	15,152

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D86

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D86	D86	CH3 Gluten Free System	Oats	8 tph	CED86A	Fabric Filter Low Temperature, T<180°F
					CED86B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D86	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 6724 / PTO 6536
	PM	0.1 gr/dscf	LCPH ATI 6724 / PTO 6536 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6724 / PTO 6536 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A cartridge filter dust collector and high capacity HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Operating Limits

- A. The installation of emission units intending to emit through EP-D86 that is not otherwise identified in the application for ATI 6724 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution

regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control devices (CE D86A and CE D86B) on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control devices (CE D86A and CE D86B).

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D86	6724 / 6536	NA	Indoor	NA	NA	10,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D87, D88

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D87	D87	CH2 Groat Recovery Aspiration	Oats	42 tph	CED87	Fabric Filter Low Temperature, T<180°F
D88	D88	CH2 Groat Recovery Reclaim Destoner	Oats	5 tph	CED88	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D87	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 6883 / PTO 6649
D88	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 6884 / PTO 6650
D87 D88	PM	0.1 gr/dscf	LCPH ATI 6883 / PTO 6649 LCPH ATI 6884 / PTO 6650 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
No VE		LCPH ATI 6883 / PTO 6649 LCPH ATI 6884 / PTO 6650 LCCO Sec. 10-58(c)(2)	

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D87 (EP-D88) that is not otherwise identified in the application for ATI 6883 (ATI 6884) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-D87 (CE-D88) on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-D87 (CE-D88) shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D87 (CE-D88).

Authority for Requirement: LCPH ATI 6883 / PTO 6649; LCPH ATI 6884 / PTO 6650

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D87	6883 / 6649	NA	Indoor	NA	NA	10,000
D88	6884 / 6650	NA	Indoor	NA	NA	4,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D89

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D89	D89	CH2 North Star System	Oats	2.5 tph	CED89	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D89	PM/PM ₁₀	0.08 lb/hr	LCPH ATI 6949 / PTO 6769
	PM	0.1 gr/dscf	LCPH ATI 6949 / PTO 6769 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6949 / PTO 6769 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-D89 that is not otherwise identified in the application for ATI 6949 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-D89 on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-D89 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-D89.

Authority for Requirement: LCPH ATI 6949 / PTO 6769

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D89	6949 / 6769	NA	Indoor	NA	NA	1,800

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E06, E09

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E06	E06	Unground Oat Hull Conveying	Hulls	16 tph	CEE06	Fabric Filter Low Temperature, T<180°F
E09	E09	Elevator D, Storage Bin #9	Grain	5 tph	CEE09	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E06	PM/PM ₁₀	0.77 lb/hr	LCPH ATI 7495 / --
	PM	0.1 gr/dscf	LCPH ATI 7495 / --
E06 E09	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping (E06)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-E06 that is not otherwise identified in the application for ATI 7495 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-E06 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-E06 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-E06.

Authority for Requirement: LCPH ATI 7495 / --

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
E06	7495 / --	108	Horizontal	12 x 10	79	15,000
E09	377 / 292	127	Downward	16 x 12	90	1,634

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No
⁽¹⁾ CAM plan is required for EP E06 only.

Authority for Requirement: 567 IAC 22.108(3)

**Compliance Assurance Monitoring Plan
CAM Plan for EP-E06 Cartridge Filters**

I. Background

A. Emissions Unit

Description: Unground Oat Hull Conveying
Identification: EU E06
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH ATI 7495
Particulate emission limit: PM: 0.77 lb/hr, 0.1 gr/dscf
PM₁₀: 0.77 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: Daily differential pressure readings
Weekly opacity (NVE) checks

C. Control Technology

Cartridge Filters (144MCF153)

Emission Point ID Number: E27

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E27	E27	By-Products Truck Loadout System	Grain	40 tph	CEE27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E27	PM/PM ₁₀	0.005 gr/dscf, 0.54 lb/hr, 2.19 tpy	LCPH ATI 5021 / PTO 5055
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5021 / PTO 5055 LCCO Sec. 10-60

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5021 / PTO 5055

Operating Limits

- The maximum exhaust airflow rate shall not exceed 26,400 scfm.
- The installation of emission units intending to emit through EP-E27 that is not otherwise identified in the application for ATI 5021 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Monitor and record the pressure differential across the control device on a weekly basis.
- Monitor and record "no visible emissions" observations on a weekly basis.
- Record all maintenance and repair completed on the control device.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E27	5021 / 5055	115	V, unobstructed	32	Ambient	24,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-E27 Baghouse**

I. Background

A. Emissions Unit

Description: By-Product Truck Loadout System
Identification: EU E27
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5055
Particulate emission limit: PM: 0.54 lb/hr, 2.19 tpy, 0.005 gr/dscf, 0.1 gr/dscf
PM₁₀: 0.54 lb/hr, 2.19 tpy
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 120MCF 255)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E31, E32

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E31	E31	Pneumatic Conveying of Grain By-Products to Storage, Elevator D, Bin #8	Oats	10 tph	CEE31	Fabric Filter Low Temperature, T<180°F
E32	E32	Processed Mixed Flours	Grain	5 tph	CEE32	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E31	PM/PM ₁₀	0.02 gr/dscf, 0.17 lb/hr, 0.74 tpy	LCPH ATI 4245 / PTO 4286
E32	PM/PM ₁₀	0.02 gr/dscf, 0.31 lb/hr, 1.38 tpy	LCPH ATI 2089 / PTO 2240
E31 E32	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4245 / PTO 4286 LCPH ATI 2089 / PTO 2240 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Operating Limits

Loading Capacity: 20,000 lb/hr (dry basis)

Exhaust Airflow Rate: 968 scfm **(E31)**

Airflow to the baghouse shall be limited to 968 scfm Any increase in airflow would be considered a modification and would necessitate a new authorization to install permit.

Exhaust Airflow Rate: 1833 scfm **(E32)**

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings when in use

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings when in use

- All maintenance completed on the control device

These records shall be available on site for viewing by air pollution control personnel.
 Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
E31	4245 / 4286	119	Horizontal	8.75 x 7.5	Ambient	883
E32	2089 / 2240	119	Horizontal	8.75 x 7.5	79	1,701

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E33, E34

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E33	E33	Elevator D, Storage Bin #4	Grain	5 tph	CEE33	Fabric Filter Low Temperature, T<180°F
E34	E34	Elevator D, Storage Bin #5	Grain By-Products	5 tph	CEE34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limit.

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E33 E34	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
E33	2102 / 2293	119	Horizontal	8.75 x 7.5	85	1,325
E34	2102 / 2294	119	Horizontal	8.75 x 7.5	75	1,325

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E35

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E35	E35	Pneumatic Conveying of Grain By-Products to Storage, Elevator D, Bin #3	Grain	7 tph	CEE35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E35	PM/PM ₁₀	0.02 gr/dscf, 0.14 lb/hr, 0.61 tpy	LCPH ATI 4246 / PTO 4287
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4246 / PTO 4287 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Operating Limits

Loading Capacity: 14,000 lb/hr (dry basis)

Exhaust Airflow Rate: 815 scfm

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
E35	4246 / 4287	123	Horizontal	7.5 x 7.5	65	744

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E39, E40**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E39	E39	Railcar Unloading, Sugar	Sugar	20 tph	CEE39	Fabric Filter Low Temperature, T<180°F
E40	E40	Pancake Annex Sugar Storage Bin	Sugar	15 tph	CEE40	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E39	PM ₁₀	0.02 gr/dscf, 0.27 lb/hr, 1.19 tpy	LCPH ATI 3466 / PTO 3407
	Opacity	10%	LCPH ATI 3466 / PTO 3407 LCCO Sec. 10-58(c)(2)
E40	PM/PM ₁₀	0.10 lb/hr	LCPH ATI 7258 / PTO 6981
E39 E40	PM	0.1 gr/dscf	LCPH ATI 7258 / PTO 6981 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 7258 / PTO 6981 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 3466 / PTO 3407

Operating Limits (E39)

- A. The total sugar unloaded through this system shall not exceed 297,840,000 lbs/year calculated on a 12-month rolling total basis.
- B. Airflow to the baghouse shall be limited to 1,584 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3466 / PTO 3407

Operating Condition Monitoring and Recordkeeping (E39)

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure on a weekly basis.
- B. The owner or operator shall record the total sugar unloaded on a daily basis.
- C. The owner or operator shall record the 12-month rolling total of sugar unloaded through this system.

Authority for Requirement: LCPH ATI 3466 / PTO 3407

Operating Condition Monitoring and Recordkeeping (E40)

All records are required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-E40 that is not otherwise identified in the application for ATI 7258 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-E40 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-E40 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-E40.
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 3466 / PTO 3407

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E39	3466 / 3407	10	Horizontal	7	126	1,584
E40	7258 / 6981	143	Horizontal	10	Ambient	600

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E41**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E41	E41	Pneumatic Conveyance of Oat Hulls to Elevator D, Bin #6	Oats	20 tph	CEE41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E41	PM/PM ₁₀	0.02 gr/dscf, 0.41 lb/hr, 1.80 tpy	LCPH ATI 4201 / PTO 4260
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4201 / PTO 4260 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:

A cartridge filter dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Operating Limits:

Maximum equipment design rate: 40,000 lb/hr

Maximum exhaust airflow rate: 2400 scfm

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Monitoring Requirement:

The following information shall be monitored:

- Weekly pressure drop reading across dust collector

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Record keeping Requirements:

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading across dust collector.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E41	4201 / 4260	123	Horizontal	8.75 x 7.5	78	2,257

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E42, E43**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E42	E42	East Oat Hull Truck Loadout System	Oats	25 tph	CEE42	Fabric Filter Low Temperature, T<180°F
E43	E43	West Oat Hull Truck Loadout System	Oats	25 tph	CEE43	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E42	PM/PM ₁₀	0.002 gr/dscf, 0.28 lb/hr	LCPH ATI 4471 / PTO 4707
E43	PM/PM ₁₀	0.002 gr/dscf, 0.28 lb/hr	LCPH ATI 4772 / PTO 4708
E42 E43	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4471 / PTO 4707 LCPH ATI 4772 / PTO 4708 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4471 / PTO 4707; LCPH ATI 4772 / PTO 4708

Operating Limits

Exhaust Airflow Rate: 16,500 scfm (**E42**)

Exhaust Airflow Rate: 9,704 scfm (**E43**)

Authority for Requirement: LCPH ATI 4471 / PTO 4707; LCPH ATI 4772 / PTO 4708

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Weekly pressure drop readings across the dust collector while operation
- All maintenance and repair completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 4471 / PTO 4707; LCPH ATI 4772 / PTO 4708

Compliance Plan

The owner/operator of this equipment shall comply with the following compliance plan.

Description

The exhaust airflow rate for Emission Unit E43 is permitted at 15,000 scfm (Condition 12 of LCPH ATI 4472 / PTO 4708) and 16,500 scfm (Condition 15 of LCPH ATI 4472 / PTO 4708). The temperature and exhaust flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. A variability of ±25% in temperature and/or exhaust flowrate is considered acceptable. The current exhaust flowrate for Emission Unit E43 is 9,704 scfm which, when corrected for standard temperature and pressure, is 36% lower than the permitted emission rate. This change needs to be addressed in the construction permit for Emission Point E43 (LCPH ATI 4472 / PTO 4708).

Condition

The permittee shall apply for construction permits from Linn County Public Health within six (6) months of the issuance date of this permit. These points will be in compliance at the time the respective construction permits for these units and their associated emission points are issued. A summary of all Emission Points subject to a Compliance Plan is located in Appendix C of this operating permit.

Authority for Requirement: 567 IAC 22.108(15)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E42	4471 / 4707	80	V, unobstructed	36	Ambient	15,000
E43	4772 / 4708	80	V, unobstructed	36	Ambient	9,704

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM plan is required for EP E43 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-E43 Baghouse

I. Background

A. Emissions Unit

Description: West Oat Hull Truck Loadout System
Identification: EU E43
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4708
Particulate emission limit: PM: 0.28 lb/hr, 0.002 gr/dscf, 0.1 gr/dscf
PM₁₀: 0.28 lb/hr, 0.002 gr/dscf
Opacity emission limit: 20%
Current Monitoring requirements: daily differential pressure readings
weekly opacity (NVE) checks

C. Control Technology Baghouse

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: F01

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
F01	F01	Maintenance Paint Spray Booth Exhaust	Primer	0.04 gallon/hr	CEF01	Fiberglass Filter
	F01A		Paint			
	F01B		Paint			
	F01C		Thinning Solvent			

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
F01	PM ₁₀	0.01 gr/dscf	LCPH ATI 3760 / PTO 3711
	VOC	1.64 tpy	
	HAPs	1.64 tpy	
	PM	0.01 gr/dscf	LCPH ATI 3760 / PTO 3711 567 IAC 23.4(13) LCCO Sec. 10-62(a)(14)
	Opacity	20%	LCPH ATI 3760 / PTO 3711 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dry filter shall be maintained in place and in good condition at all times during operation of the spray booth. Filters shall be changed on a regular basis as needed.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Operating Limits

Material Usage: 1 gal/day average total (not to exceed 365 gallons/12 month rolling total)

VOC/VHAP Content: 9 lb/gallon

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

1. All paint, primer and solvent used on a monthly basis. This shall be recorded in gallons.
2. A monthly average shall be calculated at the end of each quarter. This shall be recorded in gallons.
3. Record date and description of all maintenance completed on the dry filters. This shall include complete changes.

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
F01	3760 / 3711	90	Horizontal	24	Ambient	1,211

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: FG01, FG02, FG03

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
FG01	FG01	Fugitives – Elevator G Grain Unloading System A	Oats Wheat Corn	250 tph	--	--
FG02	FG02	Fugitives – Elevator G Grain Unloading System B		250 tph	--	--
FG03	FG03	Fugitives – Track #8 / #9 Loadout System	Grain	27 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Fugitive Dust

No person shall allow, cause or permit any materials to be handled, transported or stored; or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired, or demolished, without taking reasonable precautions to prevent particulate matter in quantities sufficient to create a nuisance. All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCCO Sec. 10-66

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: FG06

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
FG06	FG06	Fugitives – Grain Fumigation	Phosphine	1.83 lb/hr	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Chemical Use:

The phosphine used by the facility shall be limited to 8.0 tons per year based on a 12-month rolling period.

Authority for Requirement: These limits were requested by the applicant

567 IAC 22.108(14)

Reporting and Recordkeeping

The facility will monitor and record the amount of phosphine used on a quarterly basis based on a 12-month rolling period from usage records. A quarterly report summarizing the phosphine use will be submitted to the Linn County Public Health Department Air Quality Division by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15). These records shall be kept for a minimum of five years.

Authority for Requirement: These limits were requested by the applicant

567 IAC 22.108(14)

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: G05, G06, G07, G08, G09, G10

Associated Equipment.

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
G05	G05	Storage Bin, C Mill Bin Annex, Bin #12	Flour	20 tph	CEG05	Fabric Filter Low Temperature, T<180°F
G06	G06	Storage Bin, C Mill Bin Annex, Bin #13	Flour	5 tph	CEG06	Fabric Filter Low Temperature, T<180°F
G07	G07	Storage Bin, C Mill Bin Annex, Bin #14	Flour	10 tph	CEG07	Fabric Filter Low Temperature, T<180°F
G08	G08	Storage Bin, C Mill Bin Annex, Bin #4	Flour	5 tph	CEG08	Fabric Filter Low Temperature, T<180°F
G09	G09	Storage Bin, C Mill Bin Annex, Bin #15	Flour	20 tph	CEG09	Fabric Filter Low Temperature, T<180°F
G10	G10	Clybourn Packaging Line – Surge Bin	Oats	9 tph	CEG10	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits.

EP	Pollutant	Emission Limit(s)	Authority for Requirement
G05 G06 G07	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
G08 G09 G10	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
G05	373 / 288	79	Horizontal	6 x 6	84	1,081
G06	372 / 287	79	Downward	6 x 6	86	1,144
G07	371 / 286	79	Downward	6 x 6	80	1,033
G08	-- / 1722	79	Downward	6 x 6	90	441
G09	660 / 819	79	Downward	8 x 8	102	1,208
G10	2097 / 2237	63	Horizontal	10 x 10	92	1,152

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: G11, G12, G13, G14

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
G11	G11	Storage Bin, Warehouse 6, Bin #1	Flour Meal	8.5 tph	CEG11	Fabric Filter Low Temperature, T<180°F
G12	G12	Storage Bin, Warehouse 6, Bin #2		8.5 tph	CEG12	Fabric Filter Low Temperature, T<180°F
G13	G13	Storage Bin, Warehouse 6, Bin #3		8.5 tph	CEG13	Fabric Filter Low Temperature, T<180°F
G14	G14	Storage Bin, Warehouse 6, Bin #4		8.5 tph	CEG14	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
G11	PM ₁₀	0.02 gr/dscf, 0.19 lb/hr, 0.83 tpy	LCPH ATI 3312 / PTO 3049
G12	PM ₁₀	0.02 gr/dscf, 0.155 lb/hr, 0.68 tpy	LCPH ATI 3738 / PTO 3713
G13	PM ₁₀	0.02 gr/dscf, 0.19 lb/hr, 0.83 tpy	LCPH ATI 3314 / PTO 3411
G14	PM ₁₀	0.02 gr/dscf, 0.134 lb/hr, 0.586 tpy	LCPH ATI 3739 / PTO 3714
G11 G12 G13 G14	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		10%	LCPH ATI 3312 / PTO 3049 LCPH ATI 3738 / PTO 3713 LCPH ATI 3315 / PTO 3411 LCPH ATI 3739 / PTO 3714

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse [cartridge dust collector] shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Operating Limits

Airflow to the baghouse shall be limited to 1,100 dscfm. **(G11)**

Airflow to the baghouse shall be limited to 905 dscfm. **(G12)**

Airflow to the baghouse shall be limited to 1,100 dscfm. **(G13)**

Airflow to the baghouse shall be limited to 780 dscfm. **(G14)**

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
G11	3312 / 3049	89	Horizontal	4	79	437
G12	3738 / 3713	89	Horizontal	6	86	912
G13	3314 / 3411	89	Horizontal	4	82	387
G14	3739 / 3714	89	Horizontal	6	90	735

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H01, H07, H13

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H01	H01	Commeal Storage Bin, C Mill, 11 th Floor	Corn	6.25 tph	CEH01	Fabric Filter Low Temperature, T<180°F
H07	H07	Farina Transfer / Packaging System	Wheat	20 tph	CEH07	Fabric Filter Low Temperature, T<180°F
H13	H13	Oats Transfer / Packaging System B	Oats Wheat	35 tph	CEH13	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H01 H07 H13	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
H01	279 / 264	167	Downward	5	100	1,428
H07	370 / 285	172	V, unobstructed	14	81	2,957
H13	2005 / 812	103	Horizontal	18	86	5,636

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H15, H16

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H15	H15	IQO Lines 1 and 5	Oats Sugar	4 tph	CE1H15	Fabric Filter Low Temperature, T<180°F
					CE2H15	HEPA Filter
H16	H16	IQO Lines 4 and 6	Oats	4 tph	CE1H16	Fabric Filter Low Temperature, T<180°F
					CE2H16	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H15 H16	PM/PM ₁₀	0.13 lb/hr	LCPH ATI 7432 / PTO 7130 LCPH ATI 7433 / PTO 7131
	PM	0.1 gr/dscf	LCPH ATI 7432 / PTO 7130 LCPH ATI 7433 / PTO 7131 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7432 / PTO 7130 LCPH ATI 7433 / PTO 7131 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-H15 (H16) that are not otherwise identified in the application for ATI 7432 (7433) and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE1-H15 (H16) and CE2-H15 (H16) on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the High Capacity HEPA Filter:
 - i. Readings over 3" w.g.
- D. CE1-H15 (H16) and CE2-H15 (H16) shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE1-H15 (H16) and CE2-H15 (H16).

Authority for Requirement: LCPH ATI 7432 / PTO 7130; LCPH ATI 7433 / PTO 7131

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H15	7432 / 7130	NA	Indoor	NA	NA	7,500
H16	7433 / 7131	NA	Indoor	NA	NA	7,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H18

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H18	H18	Gluten Free Cutting & Flaking System	Oats	2.5 tph	CEH18	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H18	PM/PM ₁₀	0.25 lb/hr	LCPH ATI 6725 / PTO 6534
	PM	0.1 gr/dscf	LCPH ATI 6725 / PTO 6534 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6725 / PTO 6534 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6725 / PTO 6534

Operating Limits

- A. The installation of emission units intending to emit through EP-H18 that is not otherwise identified in the application for ATI 6725 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6725 / PTO 6534

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6725 / PTO 6534

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H18	6725 / 6534	161	V, unobstructed	16	72	5,937

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H20

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H20	H20	Oat Tube Cleaning Process	Oats	22 tph	CEH20A	Fabric Filter Low Temperature, T<180°F
					CEH20B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H20	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5797 / PTO 5502
	PM	0.1 gr/dscf	LCPH ATI 5797 / PTO 5502 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5797 / PTO 5502 LCCO Sec. 10-58(c)(2)

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Operating Limits

- A. The installation of emission units intending to emit through EP-H20 that is not otherwise identified in the application for ATI 5797 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE H20A and CE H20B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE H20A and CE H20B).

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H20	5797 / 5502	NA	Indoor	NA	NA	2,903

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H21**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H21	H21	Paper Trim Large Round	Oats	17 lbs/hr	CEH21	Fabric Filter Low Temperature T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H21	PM/PM ₁₀	0.32 lb/hr	LCPH ATI 5740 / PTO 5466
	PM	0.1 gr/dscf	LCPH ATI 5740 / PTO 5466 567 IAC 23.3(2)"a"(1) LCCO Sec. 10-62(a)(1)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5740 / PTO 5466 LCCO Sec. 10-58(c)(2)

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Operating Limits

- A. The installation of emission units intending to emit through EP-H21 that is not otherwise identified in the application for ATI 5740 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H21	5740 / 5466	NA	Indoor	NA	NA	7,423

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H22

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H22	H22	Gluten Free Groat Receiving System	Oats	4 tph	CEH22	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H22	PM/PM ₁₀	0.13 lb/hr	LCPH ATI 6726 / PTO 6535
	PM	0.1 gr/dscf	LCPH ATI 6726 / PTO 6535 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6726 / PTO 6535 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6726 / PTO 6535

Operating Limits

- A. The installation of emission units intending to emit through EP-H22 that is not otherwise identified in the application for ATI 6726 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6726 / PTO 6535

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

B. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6726 / PTO 6535

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H22	6726 / 6535	NA	Indoor	NA	NA	3,084

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H23

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H23	H23	IQG Line #2 Top Sealer	Oats	2.48 tph	CEH23	Wet Dust Collector

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H23	PM/PM ₁₀	0.1 lb/hr	LCPH ATI 6755 / PTO 6537
	PM	0.1 gr/dscf	LCPH ATI 6755 / PTO 6537 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6755 / PTO 6537 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A wet dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6755 / PTO 6537

Operating Limits

- A. The installation of emission units intending to emit through EP-H23 that is not otherwise identified in the application for ATI 6755 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- C. The tank water level shall be maintained between 7.5" to 8.5".

Authority for Requirement: LCPH ATI 6755 / PTO 6537

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall record all maintenance and repair work completed on the control device.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall monitor and record the tank water level on a weekly basis.

Authority for Requirement: LCPH ATI 6755 / PTO 6537

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H23	6755 / 6537	39	Horizontal	12	70	3,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H24

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H24	H24	IQO Lines #9 & #10 Dust Collection	Oats	8.15 tph	CE1H24	Fabric Filter Low Temperature, T<180°F
					CE2H24	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H24	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 7256 / PTO 7006
	PM	0.1 gr/dscf	LCPH ATI 7256 / PTO 7006 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7256 / PTO 7006 LCCO Sec. 10-58(c)(2)

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-H24 that is not otherwise identified in the application for ATI 7256 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE1-H24 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the High Capacity HEPA Filter:
 - i. Readings over 3" w.g.
- D. CE-H24 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-H24.

Authority for Requirement: LCPH ATI 7256 / PTO 7006

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H24	7256 / 7006	NA	Indoor	NA	NA	12,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H25, H26, H27, H28

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H25	H25	PC Mix Transfer System	Pancake Mix	4.0 tph	CEH25	Fabric Filter Low Temperature, T<180°F
H26	H26	PC Mix Sugar Transfer System	Sugar	2.0 tph	CEH26	Fabric Filter Low Temperature, T<180°F
H27	H27	PC Mix General Dust Collector	Pancake Mix	4.0 tph	CE1H27	Fabric Filter Low Temperature, T<180°F
					CE2H27	HEPA Filter
H28	H28	PC Mix Minor Ingredient Transfer	Pancake Mix	1.0 tph	CEH28	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H25	PM/PM ₁₀	0.04 lb/hr	LCPH ATI 7500 / --
H26	PM/PM ₁₀	0.03 lb/hr	LCPH ATI 7501 / --
H27	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 7502 / --
H28	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 7503 / --
H25 H26	PM	0.1 gr/dscf	LCPH ATI 7500 / -- LCPH ATI 7501 / -- 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7500 / -- LCPH ATI 7501 / -- LCCO Sec. 10-58(c)(2)

Operating Requirements with Associated Monitoring and Recordkeeping (H25, H26, H28)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-H25 (H26, H28) that is not otherwise identified in the application for ATI 7500 (7501, 7503) and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE1-H25 (H26, H28) on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-H25 (H26, H28) shall be maintained and operated according to the manufacture's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-H25 (H26, H28).

Authority for Requirement: LCPH ATI 7500 / --
LCPH ATI 7501 / --
LCPH ATI 7503 / --

Operating Requirements with Associated Monitoring and Recordkeeping (H27)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-H27 that are not otherwise identified in the application for ATI 7502 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE1-H27 and CE2-H27 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previous recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the High Capacity HEPA Filter:
 - i. Readings over 3" w.g.
- D. CE1-H27 and CE2-H27 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE1-H27 and CE2-H27.

Authority for Requirement: LCPH ATI 7501 / --

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H25	7500 / --	NA	Indoor	NA	NA	700
H26	7501 / --	NA	Indoor	NA	NA	500
H27	7502 / --	NA	Indoor	NA	NA	4,700
H28	7503 / --	NA	Indoor	NA	NA	300

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J27**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J27	J27	Storage Bin, C Mill Bin Annex, Bin #1	Flour	6.25 tph	CEJ27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J27	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6298 / PTO 6098
	PM	0.1 gr/dscf	LCPH ATI 6298 / PTO 6098 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6298 / PTO 6098 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6298 / PTO 6098

Operating Limits

- A. The installation of emission units intending to emit through EP-J27 that is not otherwise identified in the application for ATI 6298 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6298 / PTO 6098

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly

investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6298 / PTO 6098

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J27	6298 / 6098	179	Downward	6 x 6	Ambient	550

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J28, J29, J30, J31, J32

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J28	J28	Storage Bin, C Mill Bin Annex, Bin #2	Flour	10 tph	CEJ28	Fabric Filter Low Temperature, T<180°F
J29	J29	Storage Bin, C Mill Bin Annex, Bin #6		10 tph	CEJ29	Fabric Filter Low Temperature, T<180°F
J30	J30	Storage Bin, C Mill Bin Annex, Bin #7		20 tph	CEJ30	Fabric Filter Low Temperature, T<180°F
J31	J31	Storage Bin, C Mill Bin Annex, Bin #3		10 tph	CEJ31	Fabric Filter Low Temperature, T<180°F
J32	J32	Storage Bin, C Mill Bin Annex, Bin #5		10 tph	CEJ32	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J28 J29 J30	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
J31 J32	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
J28	-- / 1695	79	Downward	8 x 8	86	506
J29	-- / 1694	78	Downward	6 x 6	80	1,081
J30	-- / 1693	79	Horizontal	8 x 8	83	1,027
J31	-- / 1692	78	Horizontal	8 x 8	90	595
J32	2156 / 2100	77	Horizontal	8 x 8	94	769

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J33

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J33	J33	Storage Bin, C Mill Bin Annex, Bin #10	Sugar	20 tph	CEJ33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J33	PM/PM ₁₀	0.22 lb/hr	LCPH ATI 3468 / PTO 3413
	PM	0.1 gr/dscf	LCPH ATI 3468 / PTO 3413 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-J33 that is not otherwise identified in the application for ATI 3468 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-J33 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-J33 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-J33
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J33	3468 / 3413	73	Horizontal	8 x 8	Ambient	1,306

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J36, J45

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J36	J36	Storage Bin, C Mill Bin Annex, Bin #16	Cereal	10 tph	CEJ36	Fabric Filter Low Temperature, T<180°F
J45	J45	Storage Bin, C Mill Bin Annex, Bin #16	Cereal	10 tph	CEJ45	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J36	PM ₁₀	0.02 gr/dscf, 0.32 lb/hr, 1.42 tpy	LCPH ATI 2857 / PTO 3034
J45	PM ₁₀	0.02 gr/dscf, 0.34 lb/hr, 1.49 tpy	LCPH ATI 3876 / PTO 3929
J36 J45	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		10%	LCPH ATI 2857 / PTO 3034 LCPH ATI 3876 / PTO 3929 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse [cartridge filter] shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Operating Limits

Airflow to the baghouse shall be limited to 1,895 dscfm. **(J36)**

Airflow to the baghouse shall be limited to 1,979 dscfm. **(J45)**

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings.
- Record of all maintenance completed on the control device. **(J36)**

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.
 Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
J36	2857 / 3034	85	V, unobstructed	15	95	1,810
J45	3876 / 3929	85	V, unobstructed	45	104	1,922

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J46

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J46	J46	C-Mill Annex Reject Dust Collector	Corn	0.1 tph	CEJ46	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J46	PM/PM ₁₀	0.002 gr/dscf, 0.02 lb/hr, 0.10 tpy	LCPH ATI 4962 / PTO 4955
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4962 / PTO 4955 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.

2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J46	4962/ 4955	NA	Indoor	8 x 6	68	1,375

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

- Agency Approved Operation & Maintenance Plan Required?** Yes No
- Facility Maintained Operation & Maintenance Plan Required?** Yes No
- Compliance Assurance Monitoring (CAM) Plan Required?** Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J47

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J47	J47	Groat Loadout	Oats	0.25 tph	CEJ47	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J47	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 7266 / PTO 6982
	PM	0.1 gr/dscf	LCPH ATI 7266 / PTO 6982 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7266 / PTO 6982 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-J47 that is not otherwise identified in the application for ATI 7266 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-J47 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-J47 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-J47.

Authority for Requirement: LCPH ATI 7266 / PTO 6982

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J47	7266 / 6982	NA	Indoor	NA	NA	5,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J48

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J48	J48	PC Mix Bin #17	Flour	10 tph	CEJ48	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J48	PM/PM ₁₀	0.09 lb/hr	LCPH ATI 7504 / --
	PM	0.1 gr/dscf	LCPH ATI 7504 / -- 567 IAC 23.4(7) LCO 10.9(1)"g"
		20%	LCCO Sec. 10-60
	Opacity	No VE	LCPH ATI 7504 / -- LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-J48 that is not otherwise identified in the application for ATI 7503 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-J48 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-J48 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-J48.

Authority for Requirement: LCPH ATI 7504 / --

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J48	7504 / --	NA	Indoor	NA	NA	1,700

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K03, K04, K05, K06, K07

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K03	K03	Package Building RTE #1 Product Dryer Separator	Flour	2.2 tph	--	--
	K03A	Flash Dryer Gas Burner, Package Building #1 RTE	Natural Gas	0.004 mmcf/hr		
K04	K04	Package Building RTE #2 Product Dryer Separator	Flour	2.2 tph	--	--
	K04A	Flash Dryer Gas Burner, Package Building #2 RTE	Natural Gas	0.004 mmcf/hr		
K05	K05	Package Building RTE#1 Cereal Belt Dryer	Flour	3.75 tph	--	--
	K05A	Package Building RTE #1 Dryer Gas Burner #1	Natural Gas	0.005 mmcf/hr		
K06	K06	Package Building RTE #2 Cereal Belt Dryer	Flour	3.75 tph	--	--
	K06A	Package Building RTE #2 Dryer Gas Burner #1	Natural Gas	0.005 mmcf/hr		
K07	K07	Package Building RTE #3 Product Dryer Separator (Flash Dryer System)	Flour	1.43 tph		
	K07A	Flash Dryer Burner Package Building #3 RTE	Natural Gas	0.004 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K03	PM/ PM ₁₀	0.007 gr/scf, 0.48 lb/hr, 2.10 tpy	LCPH ATI 3744 / PTO 3817
K04	PM/ PM ₁₀	0.007 gr/scf, 0.47 lb/hr, 2.06 tpy	LCPH ATI 3745 / PTO 3818
K05	PM	0.01 gr/scf, 0.7 lb/hr, 3.07 tpy	LCPH ATI 3746 / PTO 3819
	PM ₁₀	0.007 gr/scf, 0.49 lb/hr, 2.15 tpy	
K06	PM ₁₀	0.01 gr/scf, 0.47 lb/hr, 2.06 tpy	LCPH ATI 3747 / PTO 3820
K07	PM	0.009 gr/scf, 0.25 lb/hr, 1.12 tpy	LCPH ATI 4047 / PTO 4114
	PM ₁₀	0.006 gr/scf, 0.17 lb/hr, 0.74 tpy	
K03 K04 K05 K06 K07	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3744 / PTO 3817 LCPH ATI 3745 / PTO 3818 LCPH ATI 3746 / PTO 3819 LCPH ATI 3747 / PTO 3820 LCPH ATI 4047 / PTO 4114 LCCO Sec. 10-60
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device (K03, K04, K07)

An inherent piece of process equipment (product separator or cyclone) is installed on this emission unit.

Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 4047 / PTO 4114

Operating Limits

RTE Extruders Package Buildings Lines #1 and #2 total maximum process rate (output): 15,000 lbs/hr (wet basis) **(K03, K04, K05)**

RTE Extruder Package Building Line #3 maximum process rate (output): 6,000 lbs/hr (wet basis) **(K07)**

Oven design rate: 7,500 lb/hr **(K06)**

Exhaust Airflow Rate: 7,943 scfm **(K03)**

Exhaust Airflow Rate: 7,773 scfm **(K04)**

Exhaust Airflow Rate: 8,141 scfm **(K05)**

Exhaust Airflow Rate: 5,500 scfm **(K06)**

Exhaust Airflow Rate: 3,300 scfm **(K07)**

Air Heater Heat Input: 4.0 MMBTU/hr **(K03, K04, K07)**

Air Heater Heat Input: 5.0 MMBTU/hr **(K05, K06)**

The dryer shall burn only natural gas.

Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Monitoring Requirements

The following information shall be monitored:

- Weekly "no visible emissions" monitoring (non-certified observer) **(K03, K04, K07)**
- Process throughput will be monitored via K75 (finished product/packaging system) **(K05)**
- Monthly process rate for dryer **(K06)**

All monitors shall be easily accessible to pollution control personnel **(K05)**

Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly "no visible emissions" monitoring (non-certified observer). **(K03, K04, K07)**
- Records of all maintenance and repair completed on the control device. **(K03, K04)**
- Copies of test results shall be retained until a new approved representative test is conducted or for 5 years, whichever is longer. **(K03, K04)**
- Copies of test results shall be retained until a new approved representative test is conducted or for five (5) years, whichever is longer. **(K03, K04)**
- Monthly average process rate for dryer. **(K06)**
- Copies of test results shall be retained until a new approved representative test is conducted or for 3 years, whichever is longer. **(K06)**
- Any changes in operation that would affect emissions, including changes in fan speed. **(K07)**

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K03	3744 / 3817	177	V, unobstructed	19	257	9,806
K04	3745 / 3818	177	V, unobstructed	19	257	6,977
K05	3746 / 3819	166	V, unobstructed	19	218	9,532
K06	3747 / 3820	166	V, obstructed	--	196	5,500 *
K07	4047 / 4114	170	V, obstructed	15	280	4,133

* Indicates an exhaust flowrate expressed in standard cubic feet per minute (scfm)

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K08, K10

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K08	K08	Pkg Bldg RTE #1 Cereal Cooler	Finished product	3.75 tph	--	--
K10	K10	Pkg Bldg RTE #2 Cereal Cooler	Finished product	3.75 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K08	PM	0.91 lb/hr	LCPH ATI 3748 / PTO 3821R2
	PM ₁₀	0.61 lb/hr	
K10	PM	0.88 lb/hr	LCPH ATI 3749 / PTO 3822R2
	PM ₁₀	0.59 lb/hr	
K08 K10	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3748 / PTO 3821 LCPH ATI 3749 / PTO 3822 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K08 that is not otherwise identified in the application for ATI 3748 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 3748 / PTO 3821R2
LCPH ATI 3749 / PTO 3822R2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K08	3748 / 3821R2	161	V, obstructed	20	194	7,971
K10	3749 / 3822R2	163	V, obstructed	20	182	7,581

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K09

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K09	K09	RTE HP Packaging	Cereal Fines	2.5 tph	CEK09	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K09	PM/PM ₁₀	0.81 lb/hr	LCPH ATI 7455 / PTO 7201
	PM	0.1 gr/dscf	LCPH ATI 7455 / PTO 7201 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 7455 / PTO 7201 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K09 that is not otherwise identified in the application for ATI 7455 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-K09 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-K09 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-K09.

Authority for Requirement: LCPH ATI 7455 / PTO --

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K09	7455 / 7201	NA	Indoor	NA	NA	4,700

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K11

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K11	K11	Package Building #1 Base Product Transfer / Conveying Process	Flour	2.2 tph	K11	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K11	PM/PM ₁₀	0.01 gr/scf, 0.32 lb/hr, 1.40 tpy	LCPH ATI 3750 / PTO 3823
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3750 / PTO 3823 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Operating Limits

RTE Extruders Package Building Lines #1 & #2 Total Maximum Process Rate (Output): 15,000 lb/hr (wet basis)

Exhaust Airflow Rate: 3,700 scfm

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K11	3750 / 3823	163	Horizontal	14	115	3,663

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K12

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K12	K12	Package Building RTE #3 Cereal Belt Dryer	Mixed Grain Flours	3 tph	--	--
	K12A	Dryer Burners	Natural Gas	1.5 MMBtu/hr		
	K12B	Dryer Burners	Natural Gas	1.0 MMBtu/hr		
	K12C	Dryer Burners	Natural Gas	1.0 MMBtu/hr		
	K12D	Dryer Burners	Natural Gas	1.0 MMBtu/hr		
K12E	Dryer Burners	Natural Gas	1.0 MMBtu/hr			

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K12	PM	0.012 gr/scf, 0.46 lb/hr, 2.03 tpy	LCPH ATI 5172 / PTO 5119
	PM ₁₀	0.008 gr/dscf, 0.31 lb/hr, 1.36 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5172 / PTO 5119 LCCO Sec. 10-60
	SO ₂	500 ppmv	LCPH ATI 5172 / PTO 5119 567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)
	VOC	39 tpy	LCPH ATI 5172 / PTO 5119

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

- Natural gas shall be the only fuel combusted in the oven.
- The RTE Extruder Package Building Line #3 maximum process rate (output) shall be limited to 6,000 lbs/hr (wet basis).
- This source shall be limited to 78,000 lbs/year of VOC-containing ingredients. The amount of VOC emitted shall be tracked using a mass balance analysis based on ingredient flavors. When calculating VOC emissions from flavorings used, the facility will assume the following:
 - 100% of the ethyl alcohol (EA) content is emitted in the process.
 - 100% of the propylene glycol (PG) content is emitted in the product.

Authority for Requirement: LCPH ATI 5172 / PTO 5119

Operation Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of [five (5)] years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Material Safety Data Sheets of all VOC-containing ingredients shall be retained.
- The pounds used of all VOC-containing ingredients shall be tracked monthly and applied to a 12-month rolling total.

Authority for Requirement: LCPH ATI 5172 / PTO 5119

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K12	5172 / 5119	161	V, obstructed	15	231	4,637

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K13

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K13	K13	Pkg Bld RTE #3 Cereal Cooler	Finished product	3 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K13	PM	0.30 lb/hr	LCPH ATI 4048 / PTO 4116R2
	PM ₁₀	0.19 lb/hr	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4048 / PTO 4116 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K13 that is not otherwise identified in the application for ATI 4048 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 4048 / PTO 4116R2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K13	4048 / 4116R2	161	V, obstructed	15	148	3,205

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K17, K18, K19

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K17	K17	Life Line #1 Product Separator #2	Cereal	1.1 tph	--	--
K18	K18	Life Line #2 Product Separator #2	Cereal	1.1 tph	--	--
K19	K19	Life Line #3 Product Separator #2	Cereal	1.1 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K17	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 7027 / PTO 6764
K18	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 7028 / PTO 6757
K19	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 7029 / PTO 6750
K17 K18 K19	PM	0.1 gr/dscf	LCPH ATI 7027 / PTO 6764 LCPH ATI 7028 / PTO 6757 LCPH ATI 7029 / PTO 6750 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 7027 / PTO 6764 LCPH ATI 7028 / PTO 6757 LCPH ATI 7029 / PTO 6750 LCCO Sec. 10-60

Operating Requirements with Associated Monitoring and Recordkeeping (K17, K18)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K17 [K18, K19] that is not otherwise identified in the application for ATI 7027 [7028, 7029] and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 7027 / PTO 6764; LCPH ATI 7028 / PTO 6757
LCPH ATI 7029 / PTO 6750

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K17	7027 / 6764	150	V, unobstructed	14.25 x 12.5	96	4,400
K18	7028 / 6757	150	V, unobstructed	14.25 x 12.5	90	4,400
K19	7029 / 6750	150	V, unobstructed	14.25 x 12.5	102	4,400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K20

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K20	K20	Life Hot Extruders	Flour	6 tph	CEK20	Wet Centrifugal Collector

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K20	PM/PM ₁₀	0.69 lb/hr	LCPH ATI 6924 / PTO 6729
	PM	0.1 gr/dscf	LCPH ATI 6924 / PTO 6729 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 6717 / PTO 6476 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- The installation of emission units intending to emit through EP-K20 that is not otherwise identified in the application for ATI 6924 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- CE-K20 shall be maintained and operate according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-K20.
- The minimum water flow rate through CE-K20 shall be maintained at a minimum of 7 gallons per minute. The owner or operator shall record the water flow rate through CE-K20 on a weekly basis.
- The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 6717 / PTO 6476

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K20	6924 / 6729	86	V, unobstructed	47.5	120	16,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K21

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K21	K21	Life Scoring Rolls Exhaust Process	Flour	4.6 tph	K21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K21	PM / PM ₁₀	1.68 lb/hr, 7.36 tpy	LCPH ATI 3865 / PTO 3930
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-30
		10%	LCPH ATI 3865 / PTO 3930

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Operating Limits

Airflow to the cartridge filter shall be limited to 9,800 scfm. Any increase in airflow may necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K21	3865 / 3930	142	Horizontal	20	100	8,845

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K22, K23, K24, K25, K26, K27, K28, K29, K30, K32, K41, K42, K43, K46, K48, K49, K50

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K22	K22	Life Line #1 Product Separator #1	Cereal	1.1 tph	--	--
K23	K23	Life Line #2 Product Separator #1	Cereal	1.1 tph	--	--
K24	K24	Life Line #3 Product Separator #1	Cereal	1.1 tph	--	--
K25	K25	Life Line #1 Cereal Belt Dryer	Flour	1.1 tph	--	--
	K25A	Life #1 Dryer Gas Burner #1	Natural Gas	0.0025 mmcf/hr	--	--
K26	K26	Life Line #2 Cereal Belt Dryer	Flour	1.1 tph	--	--
	K26A	Life Line #2 Dryer Gas Burner #1	Natural Gas	0.0025 mmcf/hr	--	--
K27	K27	Life Line #3 Cereal Belt Dryer	Flour	1.1 tph	--	--
	K27A	Life Line #3 Dryer Gas Burner #1	Natural Gas	0.0025 mmcf/hr	--	--
K28	K28	Life Line #4 Product Separator #2	Cereal	1.1 tph	--	--
K29	K29	Life Line #1 Cereal Cooler	Flour	1.1 tph	--	--
K30	K30	Life Line #2 Cereal Cooler	Flour	1.1 tph	--	--
K32	K32	Life Line #3 Cereal Cooler	Flour	1.1 tph	--	--
K41	K41	Storage Bin, C Mill Bin Annex, Bin #11	Flour	5 tph	CEK41	Fabric Filter Low Temperature, T<180°F
K42	K42	Storage Bin, C Mill Bin Annex, Bin #8	Flour	5 tph	CEK42	Fabric Filter Low Temperature, T<180°F
K43	K43	Life Regular Transfer / Conveying Process	Flour	4.6 tph	CEK43	Fabric Filter Low Temperature, T<180°F
K46	K46	Storage Bin, C Mill Bin Annex, Bin #9	Flour	10 tph	CEK46	Fabric Filter Low Temperature, T<180°F
K48	K48	Life Line #4 Cereal Belt Dryer	Flour	1.1 tph	--	--
	K48A	Life #4 Dryer Gas Burner #1	Natural Gas	0.0024 mmcf/hr	--	--
K49	K49	Life Oven Canopy Exhaust Process	Flour	4.6 tph	--	--
K50	K50	Life Line #4 Cereal Cooler	Flour	1.1 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K22	PM/PM ₁₀	0.16 lb/hr	LCPH ATI 7030 / PTO 6765
K23	PM/PM ₁₀	0.11 lb/hr	LCPH ATI 7031 / PTO 6758
K24	PM/PM ₁₀	0.13 lb/hr	LCPH ATI 7032 / PTO 6751
K28	PM/PM ₁₀	0.18 lb/hr	LCPH ATI 7033 / PTO 6752
K22 K23 K24 K28	PM	0.1 gr/dscf	LCPH ATI 7030 / PTO 6765 LCPH ATI 7031 / PTO 6758 LCPH ATI 7032 / PTO 6751 LCPH ATI 7033 / PTO 6752 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 7030 / PTO 6765 LCPH ATI 7031 / PTO 6758 LCPH ATI 7032 / PTO 6751 LCPH ATI 7033 / PTO 6752 LCCO Sec. 10-60
K25 through K27 K29 through K30 K32 K41 through K43 K46 K48 through K50	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
K25 through K27 K48	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping (K22, K23, K24, K28)

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K22 (K23, K24, K28) that is not otherwise identified in the application for ATI 7030 (7031, 7032, 7033) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 7030 / PTO 6765; LCPH ATI 7031 / PTO 6758
LCPH ATI 7032 / PTO 6751; LCPH ATI 7033 / PTO 6752

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K22	7030 / 6765	144	Horizontal	14	96	3,694
K23	7031 / 6758	144	Horizontal	14	96	2,663

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K24	7032 / 6751	144	Horizontal	14	96	2,922
K25	-- / 1673	138	Horizontal	11	280	1,865*
K26	-- / 1672	138	Horizontal	11	274	1,727*
K27	-- / 1671	138	Horizontal	--	320	2,074*
K28	7033 / 6752	144	Horizontal	14	96	4,169
K29	-- / 1670	136	Horizontal	--	102	5,428*
K30	-- / 1669	136	Horizontal	--	103	4,847*
K32	-- / 1667	136	Horizontal	--	102	5,324*
K41	361 / 277	78	Horizontal	6 x 6	100	1,255*
K42	1922 / 1663	79	Downward	8 x 8	88	582*
K43	329 / 310	140	V, unobstructed	--	64	5,991*
K46	2155 / 2238	79	Horizontal	5.5 x 5.5	99	789*
K48	360 / 303	139	Horizontal	--	365	2,444*
K49	359 / 307	143	V, unobstructed	--	220	5,887*
K50	358 / 306	142	V, unobstructed	--	110	2,294*

* Indicates an exhaust flowrate expressed in actual cubic feet per minute (acfm)

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K33, K34, K35, K36, K37

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K33	K33	RTE LP Sugar Airlock Filter	Sugar	7.5 tph	K33	Fabric Filter Low Temperature, T<180°F
K34	K34	RTE HP Sugar Airlock Filter	Sugar	5 tph	K34	Fabric Filter Low Temperature, T<180°F
K35	K35	IQO Sugar Transfer Filter	Sugar	4 tph	K35	Fabric Filter Low Temperature, T<180°F
K36	K36	IQO Sugar Bin Filter	Sugar	12.5 tph	K36	Fabric Filter Low Temperature, T<180°F
K37	K37	RTE HP Dry Mix Airlock Filter	Flour	5 tph	K37	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K33 K34 K35 K36 K37	PM	0.1 gr/dscf	LCPH ATI 7040 / PTO 6771 LCPH ATI 7041 / PTO 6772 LCPH ATI 7042 / PTO 6773 LCPH ATI 7043 / PTO 6774 LCPH ATI 7044 / PTO 6775 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
		20%	LCCO Sec. 10-60
	Opacity	No VE	LCPH ATI 7040 / PTO 6771 LCPH ATI 7041 / PTO 6772 LCPH ATI 7042 / PTO 6773 LCPH ATI 7043 / PTO 6774 LCPH ATI 7044 / PTO 6775 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units that are not otherwise identified in the application for this CAP [as required in the associated LCPH ATI / PTO] and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across each CE on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

- C. Each CE shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on each CE.

Authority for Requirement: LCPH ATI 7040 / PTO 6771; LCPH ATI 7041 / PTO 6772
 LCPH ATI 7042 / PTO 6773; LCPH ATI 7043 / PTO 6774
 LCPH ATI 7044 / PTO 6775

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K33	7040 / 6771	NA	Indoor	NA	NA	275
K34	7041 / 6772	NA	Indoor	NA	NA	275
K35	7042 / 6773	NA	Indoor	NA	NA	275
K36	7043 / 6774	NA	Indoor	NA	NA	275
K37	7044 / 6775	NA	Indoor	NA	NA	275

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K51

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K51	K51	Life Line #4 Product Separator #1	Flour	1.1 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K51	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 7034 / PTO 6753
	PM	0.1 gr/dscf	LCPH ATI 7034 / PTO 6753 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 7034 / PTO 6753 LCCO Sec. 10-60

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K51 that is not otherwise identified in the application for ATI 7034 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 7034 / PTO 6753

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K51	7034 / 6753	150	V, unobstructed	15	100	4,400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K52, K53, K54

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K52	K52	RTE Case Conveying / Pneumatic Scales Meta	Oats	25 tph	K52	Fabric Filter Low Temperature, T<180°F
K53	K53	Life Sanding Sugar Reclaim	Sugar	0.25 tph	K53	Fabric Filter Low Temperature, T<180°F
K54	K54	Life Sugar Storage Bin Warehouse 6, 10 th Floor	Sugar	6 tph	K54	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K52	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6229 / PTO 6014
K53	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5736 / PTO 5459
K54	PM/PM ₁₀	0.03 lb/hr	LCPH ATI 6015 / PTO 5693
K52 K54	PM	0.1 gr/dscf	LCPH ATI 6229 / PTO 6014 LCPH ATI 6015 / PTO 5693 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
K53	PM	0.1 gr/dscf	LCPH ATI 5736 / PTO 5459 567 IAC 23.3(2)(a)"1" LCCO Sec. 10-62(a)(1)
K52 K53 K54	Opacity	20%	LCCO Sec. 10-60
K52 K53 K54	Opacity	No VE	LCPH ATI 6229 / PTO 6014 LCPH ATI 5736 / PTO 5533 LCPH ATI 6015 / PTO 5693 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse [cartridge filter, K54] dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Operating Limits

- A. The installation of emission units intending to emit through EP-K52 [K53, K54] that is not otherwise identified in the application for ATI 6229 [5736, 6015] and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.

- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Operating Condition Monitoring and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K52	6229 / 6014	NA	Indoor	NA	NA	5,000
K53	5736 / 5459	NA	Indoor	NA	NA	244
K54	6015 / 5693	NA	Indoor	NA	NA	750

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K55

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K55	K55	Life Trim Stock Conveying System	Flour	0.125 tph	CEK55A	Fabric Filter Low Temperature, T<180°F
					CEK55B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K55	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5798 / PTO 5503
	PM	0.1 gr/dscf	LCPH ATI 5798 / PTO 5503 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 5798 / PTO 5503 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Operating Limits

- A. The installation of emission units intending to emit through EP-K55 that is not otherwise identified in the application for ATI 5798 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control devices (CE K55A and CE K55B) on a weekly basis.
- B. Record all maintenance and repair work completed on the control devices (CE K55A and CE K55B).

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K55	5798 / 5503	NA	Indoor	NA	NA	3,578

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K56

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K56	K56	RTE Case Conveying / Pneumatic Scales Twin Pack	Cereal	25 tph	CEK56	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K56	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6230 / PTO 6015
	PM	0.1 gr/dscf	LCPH ATI 6230 / PTO 6015 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 6230 / PTO 6015 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6230 / PTO 6015

Operating Limits

- A. The installation of emission units intending to emit through EP-K56 that is not otherwise identified in the application for ATI 6230 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6230 / PTO 6015

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6227 / PTO 6015

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K56	6230 / 6015	NA	Indoor	NA	NA	5,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K58**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K58	K58	Life Cinnamon Transfer / Conveying Process	Flour	4.6 tph	K58	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K58	PM	5.4 lb/hr, 24 tpy	LCPH ATI 2083 / PTO 2220
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K58	2083 / 2220	142	V, unobstructed	--	85	6,965

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K59

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K59	K59	RTE HP Line #3 Re-Mill Transfer System	Flour	1.43 tph	K59	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K59	PM ₁₀	0.27 lb/hr	LCPH ATI 7035 / PTO 6770
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 2527 / PTO 3038 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K59 that is not otherwise identified in the application for ATI 7035 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-K59 on a weekly basis. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-K59 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-K59.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K59	7035 / 6770	NA	Indoor	NA	NA	6,250

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K64

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K64	K64	Package Building RTE #4 Product Dryer Separator	Flour	2 tph	--	--
	K64A	Flash Dryer Gas Burner, Package Building RTE #4	Natural Gas	0.004 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K64	PM/ PM ₁₀	0.0081 gr/dscf, 0.30 lb/hr, 1.31 tpy	LCPH ATI 3153 / PTO 3429
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3153 / PTO 3429 LCCO Sec. 10-60
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

An inherent piece of process equipment (product separator or cyclone) is installed on this emission unit.
Authority for Requirement: LCPH ATI 3153 / PTO 3429

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (output): 7500 lb/hr (wet basis)
Maximum Heat Input: 4 MMBtu/hr
Exhaust Airflow Rate: 4,281 scfm
The flash dryer shall burn only natural gas.
Authority for Requirement: LCPH ATI 3153 / PTO 3429

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly "no visible emissions" monitoring (non-certified observer)

Authority for Requirement: LCPH ATI 3153 / PTO 3429

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Weekly "no visible emissions" monitoring (non-certified observer)
- Any changes in operation that would affect emissions, including changes in fan speed
- Records of all maintenance and repair completed on the control device
- Copies of test results shall be retained until a new approved representative test is conducted or for five (5) years, whichever is longer.

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3153 / PTO 3429

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K64	3153 / 3429	175	V, obstructed	18	299	6,089

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K65

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K65	K65	Package Building RTE #4 Base Product Dust Collection	Flour	2 tph	K65	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K65	PM/ PM ₁₀	0.00525 gr/dscf, 0.20 lb/hr, 0.88 tpy	LCPH ATI 3154 / PTO 3430
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3154 / PTO 3430 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

Operation parameters for the control device delineated at the time of final source testing shall become a part of this [LCPH ATI 3154 / PTO 3430] permit condition. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Airflow Rate: 4,446 scfm

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly pressure drop readings when operating

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Record keeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device
- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K65	3154 / 3430	163	Horizontal	15 x 13	91	3,618

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K68

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K68	K68	Package Building RTE #4 Cereal Belt Dryer	Flour	3.5 tph	--	--
	K68A	Package Building RTE #4 Dryer Gas Burner #1	Natural Gas	0.004 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K68	PM	0.0186 gr/dscf, 1.12 lb/hr, 4.91 tpy	LCPH ATI 3157 / PTO 3431
	PM ₁₀	0.014 gr/scf, 0.84 lb/hr, 3.68 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3157 / PTO 3431 LCCO Sec. 10-60
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Burner Design Rate: 4 MMBtu/hr heat input

Exhaust Air Flow Rate: 7,000 scfm

The oven shall burn only natural gas.

Authority for Requirement: LCPH ATI 3157 / PTO 3431

Record keeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed
- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.

Authority for Requirement: LCPH ATI 3157 / PTO 3431

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K68	3157 / 3431	172	V, unobstructed	22	200	8,370

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department

within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K69

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K69	K69	Package Building RTE #4 Cereal Cooler	Flour	3.5 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K69	PM	0.0158 gr/scf, 0.82 lb/hr, 3.59 tpy	LCPH ATI 3158 / PTO 3432
	PM ₁₀	0.014 gr/scf, 0.73 lb/hr, 3.20 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3158 / PTO 3432 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Air Flow Rate: 6,058 scfm

Authority for Requirement: LCPH ATI 3158 / PTO 3432

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3158 / PTO 3432

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K69	3158 / 3432	164	Horizontal	24 x 16	116	6,058

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K70

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K70	K70	RTE HP Line #4 Cereal Cooler	Flour	3.75 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K70	PM	1.74 lb/hr	LCPH ATI 4091 / PTO 4118R2
	PM ₁₀	1.04 lb/hr	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4091 / PTO 4118R2 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K70 that is not otherwise identified on the application for ATI 4091 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 4091 / PTO 4118R2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K70	4091 / 4118R2	165	Horizontal	32 x 24	102	14,659

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K71

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K71	K71	RTE HP Syrup Mixing Tanks	Syrup	5 tph	CEK71	Whirl Wet Dust Collector

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K71	PM / PM ₁₀	0.09 lb/hr	LCPH ATI 7088 / PTO 6833
	PM	0.1 gr/dscf	LCPH ATI 7088 / PTO 6833 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 7088 / PTO 6833 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K71 that are not otherwise identified in the application for ATI 7088 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. CE-K71 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-K71.
- C. The water level to CE-K71 shall be maintained as determined by the owner or operator. The owner or operator shall monitor the water level weekly and add makeup water to the predetermined level as indicated by CE-K71 as necessary to return the water level to the predetermined level. The owner or operator shall record the date the water level was checked whether or not water was added to CE-K71 on a weekly basis.
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 7088 / PTO 6833

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K71	7088 / 6833	120	Horizontal	10	90	2,200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K72**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K72	K72	Oat Squares System #15	Oats	3.75 tph	CEK72	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K72	PM/ PM ₁₀	0.18 lb/hr	LCPH ATI 5856 / PTO 5622
	PM	0.1 gr/dscf	LCPH ATI 5856 / PTO 5622 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5856 / 5622 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5856 / PTO 5622

Operating Limits

- A. The installation of emission units intending to emit through EP-K72 that is not otherwise identified in the application for ATI 5856 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5856 / PTO 5622

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5856 / PTO 5622

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K72	5856 / 5622	162	Downward	14	92	5,390

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K73**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K73	K73	Package Building RTE #4 By-Products System	Flour	3.5 tph	K73	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K73	PM/ PM ₁₀	0.00525 gr/dscf, 0.03 lb/hr, 0.13 tpy	LCPH ATI 3317 / PTO 3435
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3317 / PTO 3435 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Air Flow Rate: 620 scfm

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly pressure drop readings when operating

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Weekly pressure drop readings
- Any changes in operation that would affect emissions, including changes in fan speed
- Records of all maintenance and repair completed on the control device

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K73	3317 / 3435	79	Downward	6 x 6	82	620

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K76

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K76	K76	Life Line #5 / 6 Cinnamon Dump Station	Aromatic	0.10 tph	CEK76	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K76	PM/PM ₁₀	0.002 gr/dscf, 0.01 lb/hr, 0.06 tpy	LCPH ATI 4963 / PTO 4956
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4963 / PTO 4956 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4963 / PTO 4956

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4963 / PTO 4956

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4963/ PTO 4956

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K76	4963 / 4956	105	Indoor	6 x 6	68	770

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K78**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K78	K78	Life Sugar Reclaim System	Sugar Flour	3 tph	K78	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K78	PM ₁₀	0.02 gr/dscf, 0.38 lb/hr, 1.65 tpy	LCPH ATI 3937 / PTO 3943
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 3937 / PTO 3943 LCCO Sec. 10-60
		10%	LCPH ATI 3937 / PTO 3943 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Operating Limits

Airflow to the baghouse shall be limited to 2,200 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair for cartridge filter

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K78	3937 / 3943	90	Horizontal	11 x 8	80	2,200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K79**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K79	K79	Life Lines #5 / #6 Blender / Extruder Exhaust	Flour	4.4 tph	K79	Dynamic Separator - Wet

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K79	PM/PM ₁₀	0.002 gr/dscf, 0.01 lb/hr, 0.04 tpy	LCPH ATI 4970 / PTO 4963
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4970 / PTO 4963 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of the equipment shall comply with the operational limits and requirements listed below.

Control Device

A rotoclone wet dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition and Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Operating Limits

- A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- B. Minimum water flow through the scrubber shall be maintained at 1.6 gallons/minute at all times during extruder operation.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Maintain a record of weekly water flow readings.
3. Process throughput rates are documented under EP 994 (K94).

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K79	4970 / 4963	21	Horizontal	10	94	612

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K80

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K80	K80	Life Line #5 / #6 Cinnamon Transfer Station	Aromatic	0.10 tph	CEK80	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K80	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr, 0.03 tpy	LCPH ATI 4964 / PTO 4957
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4964 / PTO 4957 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K80	4964 / 4957	21	Indoor	4	100	200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K81

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K81	K81	Life Lines #5 / 6 Pellet Cyclone #1	Flour	4.4 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K81	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr, 0.53 tpy	LCPH ATI 4971 / PTO 4964
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4971 / PTO 4964 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

This is an uncontrolled source. An inherent piece of process equipment (product separator/cyclone) is installed on this emission unit.

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Operating Limits

A. Life Lines #5/6 are limited to a process throughput rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

There are no recordkeeping requirements for this permitted source. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K81	4971 / 4964	21	Horizontal	12	124	3,520

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K82, K83

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K82	K82	Life Lines #5 / #6 Pellet Cooler & Conveying	Flour	4.4 tph	--	--
K83	K83	Life Line #5 / #6 Pellet Cyclone #2	Flour	4.4 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K82	PM/PM ₁₀	0.015 gr/dscf, 0.34 lb/hr, 1.49 tpy	LCPH ATI 4972 / PTO 4965
K83	PM/PM ₁₀	0.004 gr/dscf, 0.17 lb/hr, 0.74 tpy	LCPH ATI 4973 / PTO 4966
K82 K83	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4972 / PTO 4965 LCPH ATI 4973 / PTO 4966 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

This is an uncontrolled source. An inherent piece of process equipment (product separator/cyclone) is installed on this emission unit.

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Operating Limits

A. Life Lines #5/6 are limited to a process throughput rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

There are no recordkeeping requirements for this permitted source. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K82	4972 / 4965	21	Horizontal	12.5 x 9.5	109	2,641
K83	4973 / 4966	40	Horizontal	10	129	5,000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K84, K85, K86

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K84	K84	Life Line #5 Belt Dryer – Zone #1	Flour	4.4 tph	--	--
	K84A	Life #5 Dryer Gas Burner Zone #1	Natural Gas	2.4 MMBtu/hr		
K85	K85	Life Line #5 Belt Dryer – Zone #2	Flour	4.4 tph	--	--
	K85A	Life #5 Dryer Gas Burner Zone #2	Natural Gas	2.4 MMBtu/hr		
K86	K86	Life Line #5 Belt Dryer – Zone #3	Flour	4.4 tph	--	--
	K86A	Life #5 Dryer Gas Burner Zone #3	Natural Gas	2.4 MMBtu/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K84	PM	0.33 lb/hr	LCPH ATI 5488 / PTO 5254
	PM ₁₀	0.15 lb/hr	
K85	PM / PM ₁₀	0.17 lb/hr	LCPH ATI 5489 / PTO 5255
K86	PM / PM ₁₀	0.14 lb/hr	LCPH ATI 5490 / PTO 5256
K84 K85 K86	PM	0.1 gr/dscf	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PTO 5256 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PO 5256 LCCO Sec. 10-60
	SO ₂	500 ppmv	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PTO 5256 567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

- A. Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).
- B. Fuel use in the dryer shall be limited to natural gas only.

Authority for Requirement: LCPH ATI 5488 / PTO 5254; LCPH ATI 5489 / PTO 5255
LCPH ATI 5490 / PTO 5256

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Monitor and record "no visible emissions" on a weekly basis.
2. Process throughput rates are documented under EP 994 (K94).
3. Maintain records which indicate natural gas is the only fuel used for combustion.

Authority for Requirement: LCPH ATI 5488 / PTO 5254; LCPH ATI 5489 / PTO 5255

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K84	5488 / 5254	38	V, unobstructed	16	396	1,771
K85	5489 / 5255	38	V, unobstructed	16	435	1,488
K86	5490 / 5256	38	V, unobstructed	15	409.5	1,607

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K87**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K87	K87	Life Line #5 Belt Cooler / Canopy Exhaust	Flour	4.4 tph	--	--

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K87	PM	0.78 lb/hr	LCPH ATI 5491 / PTO 5257
	PM ₁₀	0.29 lb/hr	
	PM	0.1 gr/dscf	LCPH ATI 5491 / PTO 5257 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5491 / PTO 5257 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

- A. Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 5491 / PTO 5257

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Monitor and record "no visible emissions" on a weekly basis.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 5491 / PTO 5257

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K87	5491 / 5257	41	V, unobstructed	24	106.4	10,357

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K88, K89, K90

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K88	K88	Life Line #6 Belt Dryer – Zone #1	Flour	4.4 tph	--	--
	K88A	Life #6 Dryer Gas Burner Zone #1	Natural Gas	2.4 MMBtu/hr		
K89	K89	Life Line #6 Belt Dryer – Zone #2	Flour	4.4 tph	--	--
	K89A	Life #6 Dryer Gas Burner Zone #2	Natural Gas	2.4 MMBtu/hr		
K90	K90	Life Line #6 Belt Dryer – Zone #3	Flour	4.4 tph	--	--
	K90A	Life #6 Dryer Gas Burner Zone #3	Natural Gas	2.4 MMBtu/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K88	PM / PM ₁₀	0.16 lb/hr	LCPH ATI 5492 / PTO 5258
K89	PM / PM ₁₀	0.17 lb/hr	LCPH ATI 5493 / PTO 5259
K90	PM / PM ₁₀	0.18 lb/hr	LCPH ATI 5494 / PTO 5260
K88 K89 K90	PM	0.1 gr/dscf	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 LCCO Sec. 10-60
	SO ₂	500 ppmv	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

- A. Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).
- B. Fuel use in the dryer shall be limited to natural gas only.

Authority for Requirement: LCPH ATI 5492 / PTO 5258; LCPH ATI 5493 / PTO 5259
LCPH ATI 5494 / PTO 5260

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1. Monitor and record "no visible emissions" on a weekly basis.
- 2. Process throughput rates are documented under EP 994 (K94).
- 3. Maintain records which indicate natural gas is the only fuel used for combustion.

Authority for Requirement: LCPH ATI 5492 / PTO 5258; LCPH ATI 5493 / PTO 5259
LCPH ATI 5494 / PTO 5260

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K88	5492 / 5258	38	V, unobstructed	16	492	1,430
K89	5493 / 5259	38	V, unobstructed	16	476	1,459
K90	5494 / 5260	38	V, unobstructed	16	374	1,586

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K91

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K91	K91	Life Line #6 Belt Cooler / Canopy Exhaust	Flour	4.4 tph	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K91	PM / PM ₁₀	0.36 lb/hr	LCPH ATI 5495 / PTO 5261
	PM	0.1 gr/dscf	LCPH ATI 5495 / PTO 5261 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 5495 / PTO 5261 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

- A. Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 5495 / PTO 5261

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Monitor and record "no visible emissions" on a weekly basis.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 5495 / PTO 5261

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K91	5495 / 5261	41	V, obstructed	24	120	7,670

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K92

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K92	K92	Life Lines #5 / #6 Finished Product Dust Collection	Flour	4.4 tph	CEK92	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K92	PM / PM ₁₀	0.002 gr/dscf, 0.18 lb/hr, 0.79 tpy	LCPH ATI 4982 / PTO 4975
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4982 / PTO 4975 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Monitor and record the pressure differential across the dust collector on a weekly basis.
2. Maintain a record of all maintenance completed on the control device.
3. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K92	4982 / 4975	40	V, unobstructed	24	111	10,682

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K94

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K94	K94	RTE LP Line #5 & 6 Packaging	Flour	4.4 tph	CEK94	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K94	PM/PM ₁₀	0.49 lb/hr	LCPH ATI 4983 / PTO 4976R1
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCPH ATI 4983 / PTO 4976R1 LCCO Sec. 10-60

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The installation of emission units intending to emit through EP-K94 that is not otherwise identified in the application for ATI 4983 and authorized to operate by this permit will require prior authorization in accordance with LCCO Sec. 10-58(b) Permits for Authorization to Install.
- B. The owner or operator shall monitor and record the differential pressure across CE-K94 on a weekly basis. Timely corrective action as defined within LCCO Sec. 10-67(a)(4) must be initiated when the following conditions are observed for the dust collector:
 - i. Readings over 8" w.g.
 - ii. Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. CE-K94 shall be maintained and operated according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on CE-K94.
- D. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 4983 / PTO 4976R1

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
K94	4983 / 4976R1	84	Horizontal	16	103	9,252

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K96

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K96	K96A	Life Lines #5 / #6 Pellet Mixing & Conveying	Cereal	4.4 tph	CEK96	Dynamic Separator – Wet
	K96B	Life Lines #5 / #6 Pellet Trim Stock Cyclone	Cereal			

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K96	PM	0.004 gr/dscf	LCPH ATI 6127 / PTO 5917
	PM / PM ₁₀	0.03 lb/hr	
	PM	0.1 gr/dscf	LCPH ATI 6127 / PTO 5917 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity		20%
		No VE	LCPH ATI 6127 / PTO 5917 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A rotoclone shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Operating Limits

- The installation of emission units intending to emit through EP-K96 that is not otherwise identified in the application for ATI 6171 and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- The minimum water flow rate through the control equipment shall be maintained at a minimum of 1.8 gallons/minute.

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Operation Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Record all maintenance and repair work completed on the control device.
- Process throughput rates are documented under EP 994 (K94).
- Record the water flow rate to the control device on a weekly basis.

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K96	6127 / 5917	28	Indoor	18	68	968

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K97

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K97	K97	Life Line #5 Sugar Receiver	Sugar	1 tph	CEK97	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K97	PM/PM ₁₀	0.05 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4967 / PTO 4960
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4967 / PTO 4960 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operating Limits

- A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- B. Only one sugar receiver (K97 or K98) can operate any given time.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K97	4967 / 4960	20	Indoor	4 x 4	68	64

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K98

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K98	K98	Life Line #6 Sugar Receiver	Sugar	1 tph	CEK98	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K98	PM/PM ₁₀	0.05 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4968 / PTO 4961
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4968 / PTO 4961 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4968 / PTO 4961

Operating Limits

- Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- Only one sugar receiver (K97 or K98) can operate any given time.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Maintain a record of all maintenance completed on the control device.
- Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K98	4968 / 4961	20	Indoor	4 x 4	68	64

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with

changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K99

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K99	K99	Life Line #5 / #6 Dry Mix Dust Collector	Cereal	4.4 tph	CEK99	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K99	PM/PM ₁₀	0.002 gr/dscf, 0.04 lb/hr, 0.17 tpy	LCPH ATI 4969 / PTO 4962
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
	Opacity	20%	LCCO Sec. 10-60
		No VE	LCPH ATI 4969 / PTO 4962 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Operating Limits

A. Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.

2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K99	4969 / 4962	20	Indoor	6 x 6	68	768

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate

above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: L01, L02

Associated Equipment

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
L01	L01	Boiler #1	Natural Gas	11.824 MMBtu/hr	--	--
	L02	Boiler #2		11.824 MMBtu/hr		
	L03	Boiler #3		11.824 MMBtu/hr		
	L04	Boiler #4		11.824 MMBtu/hr		
	L05	Boiler #5		11.824 MMBtu/hr		
L02	L06	Boiler #6	Natural Gas	11.824 MMBtu/hr	--	--
	L07	Boiler #7		11.824 MMBtu/hr		
	L08	Boiler #8		11.824 MMBtu/hr		
	L09	Boiler #9		11.824 MMBtu/hr		
	L10	Boiler #10		11.824 MMBtu/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
L01 L02	PM/PM ₁₀	0.44 lb/hr	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614
	PM	0.1 gr/dscf	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 LCCO Sec. 10-62(a)(1)
		0.339 lb/mmBTU	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 LCCO Sec. 10-61(b)(2)
	Opacity	20%	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 LCCO Sec. 10-60
	SO ₂	500 ppmv	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 567 IAC 23.3(3)"e" LCO 10.12(2)
	NO _x	2.9 lb/hr	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NSPS and NESHAP Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in [LCCO Sec. 10-62(b)] and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in [LCCO Sec. 10-62(c)] and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in [LCCO Sec. 10-62(d)] and 567 IAC 23.1(4).

- A. The New Source Performance Standards (NSPS), 40 CFR 60, Subpart A General Provisions and 40 CFR 60 Subpart Dc shall apply to this source pursuant to [LCCO Sec. 10-62(b)(64)] and 567 IAC 23.1(2)"III".

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Operating Limits

- A. The owner or operator shall meet the monitoring requirements of 40 CFR §60.13 [NSPS Subpart A] to comply with [LCCO Sec. 10-62(b)].
- B. The owner or operator shall meet the applicable requirements of 40 CFR 60 §§ 40c – 48c [NSPS Subpart Dc] to comply with [LCCO Sec. 10-62(b)(64)].
- C. Fuel in EU’s L01-L05 shall be limited to natural gas.

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Initial notification and recordkeeping shall be performed in accordance with 40 CFR §60.7 to comply with [LCCO Sec. 10-62(b)(64)].
- B. Recordkeeping for NSPS Subpart Dc shall be done in accordance with 40 CFR §60.48c.
- C. Reporting for NSPS Subpart Dc shall be done in accordance with 40 CFR §60.48c.
- D. Maintain fuel supplier certifications of the sulfur content of all fuels burned in accordance with 40 CFR §60.48c(f).

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Reporting Requirements

The following information shall be submitted to this department by the 30th of January and July for the previous six-month reporting period.

- 1. In accordance with 40 CFR §60.48c(j) a semi-annual report containing the information recorded under 40 CFR §60.48c(e) shall be submitted.

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
L01	5816 / 5613	171	V, w/ conical diffuser	36	300 ±25 (average)	13,085
L02	5817 / 5614	171	V, w/ conical diffuser	36	300 ±25 (average)	13,085

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
S01	S01	Oat Squares System #1	Wheat	3.75 tph output	CES01	Fabric Filter Low Temperature, T<180°F
S02	S02	Oat Squares System #2	Wheat		CES02	Fabric Filter Low Temperature, T<180°F
S03	S03	Oat Squares System #3	Sugar		CES03	Fabric Filter Low Temperature, T<180°F
S04	S04	Oat Squares System #4	Wheat		CES04	Fabric Filter Low Temperature, T<180°F
S05	S05	Oat Squares System #5	Sodium Bicarbonate		CES05	Fabric Filter Low Temperature, T<180°F
S06	S06	Oat Squares System #6	Sodium Bicarbonate		CES06	Fabric Filter Low Temperature, T<180°F
S07	S07	Oat Squares System #7	Calcium Carbonate		CES07	Fabric Filter Low Temperature, T<180°F
S08	S08	Oat Squares System #8	Calcium Carbonate		CES08	Fabric Filter Low Temperature, T<180°F
S09	S09	Oat Squares System #9	Dry Material		CES09	Fabric Filter Low Temperature, T<180°F
S10	S10	Oat Squares System #10	Oats		CES10	Fabric Filter Low Temperature, T<180°F
S11	S11	Oat Squares System #11	Oats		CES11	Fabric Filter Low Temperature, T<180°F
S12	S12	Oat Squares System #12	Dry Material		CES12	Fabric Filter Low Temperature, T<180°F
S13	S13	Oat Squares System #13	Oats		CES13	Fabric Filter Low Temperature, T<180°F
S14	S14	Oat Squares System #14	Oats		CES14	Fabric Filter Low Temperature, T<180°F
S16	S16	Oat Squares System #16	Dry Material		CES16	Fabric Filter Low Temperature, T<180°F
S17	S17	Oat Squares System #17	Oats		CES17	Fabric Filter Low Temperature, T<180°F
S18	S18	Oat Squares System #18	Oats		CES18	Fabric Filter Low Temperature, T<180°F
S19	S19	Oat Squares System #19	Oats		CES19	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S01	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5842 / PTO 5621
S02	PM / PM ₁₀	0.04 lb/hr	LCPH ATI 5843 / PTO 5623
S03	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5844 / PTO 5624
S04	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5845 / PTO 5625
S05	PM / PM ₁₀	0.02 lb/hr	LCPH ATI 5846 / PTO 5626
S06	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5847 / PTO 5627
S07	PM / PM ₁₀	0.02 lb/hr	LCPH ATI 5848 / PTO 5628

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S08	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5849 / PTO 5629
S09	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5850 / PTO 5630
S10	PM / PM ₁₀	0.04 lb/hr	LCPH ATI 5851 / PTO 5631
S11	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5852 / PTO 5632
S12	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5853 / PTO 5633
S13	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5854 / PTO 5634
S14	PM / PM ₁₀	0.11 lb/hr	LCPH ATI 5855 / PTO 5635
S16	PM / PM ₁₀	0.04 lb/hr	LCPH ATI 5857 / PTO 5636
S17	PM / PM ₁₀	0.04 lb/hr	LCPH ATI 5858 / PTO 5637
S18	PM / PM ₁₀	0.02 lb/hr	LCPH ATI 5859 / PTO 5638
S19	PM / PM ₁₀	0.03 lb/hr	LCPH ATI 6080 / PTO 5788
S01 S02 S03 S04 S09 S10 S11 S12 S13 S14 S16 S17 S18 S19	PM	0.1 gr/dscf	LCPH ATI 5842 / PTO 5621 LCPH ATI 5843 / PTO 5623 LCPH ATI 5844 / PTO 5624 LCPH ATI 5845 / PTO 5625 LCPH ATI 5850 / PTO 5630 LCPH ATI 5851 / PTO 5631 LCPH ATI 5852 / PTO 5632 LCPH ATI 5853 / PTO 5633 LCPH ATI 5854 / PTO 5634 LCPH ATI 5855 / PTO 5635 LCPH ATI 5857 / PTO 5636 LCPH ATI 5858 / PTO 5637 LCPH ATI 5859 / PTO 5638 LCPH ATI 6080 / PTO 5788 567 IAC 23.4(7) LCCO Sec. 10-62(a)(7)
S05 S06 S07 S08	PM	0.1 gr/dscf	LCPH ATI 5846 / PTO 5626 LCPH ATI 5847 / PTO 5627 LCPH ATI 5848 / PTO 5628 LCPH ATI 5849 / PTO 5629 567 IAC 23.3(2)(a)"1" LCCO Sec. 10-62(a)(1)
S01 S02 S03 S04 S05 S06 S07 S08 S09 S10 S11 S12 S13 S14 S16 S17 S18 S19	Opacity	20% No VE	LCCO Sec. 10-60 LCPH ATI 5842 / PTO 5621 LCPH ATI 5843 / PTO 5623 LCPH ATI 5844 / PTO 5624 LCPH ATI 5845 / PTO 5625 LCPH ATI 5846 / PTO 5626 LCPH ATI 5847 / PTO 5627 LCPH ATI 5848 / PTO 5628 LCPH ATI 5849 / PTO 5629 LCPH ATI 5850 / PTO 5630 LCPH ATI 5851 / PTO 5631 LCPH ATI 5852 / PTO 5632 LCPH ATI 5853 / PTO 5633 LCPH ATI 5854 / PTO 5634 LCPH ATI 5855 / PTO 5635 LCPH ATI 5857 / PTO 5636 LCPH ATI 5858 / PTO 5637 LCPH ATI 5859 / PTO 5638 LCPH ATI 6080 / PTO 5788 LCCO Sec. 10-58(c)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device (S01-S06, S08-S13, S16-S19)

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625
LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627
LCPH ATI 5849 / PTO 5629; LCPH ATI 5850 / PTO 5630
LCPH ATI 5851 / PTO 5631; LCPH ATI 5852 / PTO 5632
LCPH ATI 5853 / PTO 5633; LCPH ATI 5854 / PTO 5634
LCPH ATI 5857 / PTO 5636; LCPH ATI 5858 / PTO 5637
LCPH ATI 5859 / PTO 5638; LCPH ATI 6080 / PTO 5788

Control Device (S07, S14)

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5848 / PTO 5628; LCPH ATI 5855 / PTO 5635

Operating Limits: S01-S08, S16, S18, S19

- A. The installation of emission units intending to emit through EP-S01 (S02, S03, S04, S05, S06, S07, S08, S16, S18) that is not otherwise identified in the application for ATI 5842 (5843, 5844, 5845, 5846, 5847, 5848, 5849, 5857, 5859, 6080) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625
LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627
LCPH ATI 5848 / PTO 5628; LCPH ATI 5849 / PTO 5629
LCPH ATI 5857 / PTO 5636; LCPH ATI 5859 / PTO 5638
LCPH ATI 6080 / PTO 5788

Operating Limits: S09-S14, S17

- B. The installation of emission units intending to emit through EP-S09 (S10, S11, S12, S13, S14, S17) that is not otherwise identified in the application for ATI 5850 (5851, 5852, 5853, 5854, 5855, 5858) and authorized to operate by this permit will require prior authorization in accordance with [LCCO Sec. 10-58(b)] Permits for Authorization to Install.
- C. Timely corrective action as defined within [LCCO Sec. 10-67(a)(4)] must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5850 / PTO 5630; LCPH ATI 5851 / PTO 5631
LCPH ATI 5852 / PTO 5632; LCPH ATI 5853 / PTO 5633
LCPH ATI 5854 / PTO 5634; LCPH ATI 5855 / PTO 5635

Operating Condition Monitoring and Recordkeeping: S01-S08, S16, S18, S19

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625
LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627
LCPH ATI 5848 / PTO 5628; LCPH ATI 5849 / PTO 5629
LCPH ATI 5857 / PTO 5636; LCPH ATI 5859 / PTO 5638
LCPH ATI 6080 / PTO 5788

Operating Condition Monitoring and Recordkeeping: S09-S14, S17

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5850 / PTO 5630; LCPH ATI 5851 / PTO 5631
LCPH ATI 5852 / PTO 5632; LCPH ATI 5853 / PTO 5633
LCPH ATI 5854 / PTO 5634; LCPH ATI 5855 / PTO 5635
LCPH ATI 5858 / PTO 5637

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
S01	5842 / 5621	NA	Indoor	NA	NA	320
S02	5843 / 5623	NA	Indoor	NA	NA	1,250
S03	5844 / 5624	NA	Indoor	NA	NA	320
S04	5845 / 5625	NA	Indoor	NA	NA	320
S05	5846 / 5626	NA	Indoor	NA	NA	865
S06	5847 / 5627	NA	Indoor	NA	NA	320
S07	5848 / 5628	NA	Indoor	NA	NA	865
S08	5849 / 5629	NA	Indoor	NA	NA	320
S09	5850 / 5630	NA	Indoor	NA	NA	320
S10	5851 / 5631	NA	Indoor	NA	NA	1,250
S11	5852 / 5632	NA	Indoor	NA	NA	320
S12	5853 / 5633	NA	Indoor	NA	NA	320
S13	5854 / 5634	NA	Indoor	NA	NA	320
S14	5855 / 5635	NA	Indoor	NA	NA	4,406
S16	5857 / 5636	NA	Indoor	NA	NA	1,250
S17	5858 / 5637	NA	Indoor	NA	NA	1,290
S18	5859 / 5638	NA	Indoor	NA	NA	650
S19	6080 / 5788	NA	Indoor	NA	NA	320

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: S49**Associated Equipment**

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
S49	INS49	Fire Pump Pump Diesel Engine	Diesel Fuel	110 bhp	--	--

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S49	PM	0.6 lb/MMBtu	567 IAC 23.3(2)(b)"2" LCCO Sec. 10-61(b)(1)
	Opacity	20%	LCCO Sec. 10-60
	SO ₂	1.5 lb/MMBtu (Maximum 2 hour average)	LCCO Sec. 10-65(a)(1)(b)
	PM	0.22 g/hp-hr	40 CFR §60.4205(c)
	CO	3.7 g/hp-hr	
	NMHC + NO _x	3.0 g/hp-hr	

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NESHAP

The emergency engine is subject to 40 CFR Part 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR §63.6590(a)(2)(iii), this emergency engine, located at an area source, is a new stationary RICE as it was constructed on or after June 12, 2006.

According to 40 CFR §63.6590(c)(1), a new stationary RICE located at an area source of HAP emissions must meet the requirements of Part 63 by meeting the requirements of 40 CFR Part 60 Subpart IIII for compression ignition engines. No further requirements apply for this engine under 40 CFR Part 63 Subpart ZZZZ.

Authority for Requirement: 40 CFR Part 63, Subpart ZZZZ
567 IAC 23.1(4)"cz"
LCCO Sec. 10-62(d)(104)
LCPH CI 167

NSPS Subpart IIII Requirements

For 2007 and later model year emergency CI engines with displacement < 30 liters per cylinder constructed after 7/11/2005 and manufactured after 4/1/2006:

Emission Standards (for engines with displacement < 10 L/cyl):

According to 40 CFR §60.4205(b) and §60.4202, you must comply with the following emission standards in g/kW-hr (g/HP-hr):

Engine Displacement (L/cyl)	Maximum Engine Power	Model Year(s)	NMHC + NO _x	CO	PM	Opacity	Rule Ref
< 10	75 ≤ kW < 130 (100 ≤ HP < 175)	2007+	4.0 (3.0)	3.5 (2.6)	0.20 (0.15)	(1)	(2)

(1) Exhaust opacity must not exceed 20 percent during the acceleration mode; 15 percent during the lugging mode; and 50 percent during the peaks in either the acceleration or lugging modes.

(2) 40 CFR §89.112 and 40 CFR §89.113.

(3) Table 2 to Subpart IIII and 40 CFR §1039.105.

(4) Table 1 to Subpart IIII.

Fuel Requirements:

You must use diesel fuel that has a maximum sulfur content of 15 ppm (0.0015%) by weight and a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume.

Authority for Requirement: 40 CFR §60.4207 and §80.510(b)

Compliance Requirements:

1. You must operate and maintain the engine to comply with the required emission standards over the engine life of the engine (40 CFR §60.4206) by doing all of the following (40 CFR §60.4211(a)):
 - a) Operating and maintain the engines and control device according to the manufacturer's emission-related written instructions;
 - b) Changing only those emission-related settings that are permitted by the manufacturer; and
 - c) Meeting the requirements of 40 CFR Parts 89, 94, and/or 1068, as they apply to you.
2. You must demonstrate compliance with the applicable emission standards by purchasing an engine certified to the applicable emission standards. The engine must be installed and configured according to the manufacturer's emission-related specifications. 40 CFR §60.4211(c).
3. If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct the following performance testing in accordance with 40 CFR §60.4212 to demonstrate compliance with applicable emission standards. You are required to notify the DNR 30 days prior to the test date and are required to submit a stack test report to the DNR within 60 days after the completion of the testing. See 40 CFR §60.4211(g) for additional information.

Maximum Engine Power	Initial Test	Subsequent Test
100 ≤ HP ≤ 500	Within 1 year of engine startup, or non-permitted action (1)	Not required

(1) Non-permitted action means that you do not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or you change the emission-related settings in a way that is not permitted by the manufacturer.

Authority for Requirement: 40 CFR Part 60 Subpart IIII
567 IAC 23.1(2)"yyy"
LCCO Sec. 10-62(b)(77)

Operating and Recordkeeping Requirements:

1. If your emergency engine does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine (40 CFR §60.4209(a)) and, starting with the model years in the following table, you must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time (40 CFR §60.4214(b)).

Engine Power	Starting Model Year
56 ≤ kW < 13 (75 ≤ HP < 175)	2012

2. There is no time limit on the use of the emergency engine in emergency situations. See 40 CFR §60.4211(f)(1) for more information.
3. The engine may be operated for the purpose of maintenance checks and readiness testing for a maximum of 100 hours per year. See 40 CFR §60.4211(f)(2) for more information.
4. The engine may be operated for up to 50 hours per year for non-emergency purposes. This operating time cannot be used for peak shaving or to generate income for the facility (e.g., supplying power to the grid) and should be included in the total of 100 hours allowed for maintenance checks and readiness testing. See 40 CFR §60.4211(f)(3) for more information.

Authority for Requirement: 40 CFR Part 60 Subpart III
567 IAC 23.1(2)"yyy"
LCCO Sec. 10-62(b)(77)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH Registration	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
INS49	167	12	V, unobstructed	3	890	1,500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: S50**Associated Equipment**

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
S50	INS50	Elevator G Emergency Generator	Natural Gas	125 bhp	--	--

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S50	PM	0.6 lb/MMBtu	567 IAC 23.3(2)(b)"2" LCCO Sec. 10-61(b)(1)
	Opacity	20%	LCCO Sec. 10-60
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NESHAP Applicability

The emergency engine is subject to 40 CFR Part 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR §63.6590(a)(1)(iii), this spark ignition emergency engine, located at an area source of HAP, is an existing stationary RICE, as it was constructed prior to June 12, 2006.

Authority for Requirement: 40 CFR Part 63, Subpart ZZZZ

567 IAC 23.1(4)"cz"
LCCO Sec. 10-62(d)(104)

Compliance Date

Per 40 CFR §63.6595(a)(1), you must comply with the provisions of NESHAP Subpart ZZZZ that are applicable by October 19, 2013.

Authority for Requirement: 40 CFR Part 63, Subpart ZZZZ

567 IAC 23.1(4)"cz"
LCCO Sec. 10-62(d)(104)

Operation and Maintenance Requirements 40 CFR §63.6603, §63.6625, §63.6640, and Tables 2d and 6 to Subpart ZZZZ.

1. Change oil and filter every 500 hours of operation or annually, whichever comes first. (See 40 CFR §63.6625(j) for the oil analysis option to extend time frame of requirements.)
2. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, and replace as necessary.
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
4. Operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan, which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
5. Install a non-resettable hour meter if one is not already installed.

6. Minimize the engine's time spent at idel during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
 567 IAC 23.1(4)"cz"
 LCCO Sec. 10-62(d)(104)

Operating Limits 40 CFR §63.6640(f)

1. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations (*up to*) 50 hours per year is prohibited.
2. There is no time limit on the use of emergency stationary RICE in emergency situations.
3. You may operate your emergency stationary RICE up 100 combined hours per calendar year for maintenance checks and readiness testing. See 40 CFR §63.6640(f)(2) for additional information and restrictions.
4. You may operate your emergency stationary RICE up to 50 hours per calendar year for non-emergency situations, but those 50 hours are counted toward the 100 hours of maintenance and testing. Except as provided in 40 CFR §63.6640(f)(4)(i) and (ii), the 50 hours per year for non-emergency situations cannot be used for peak shaving, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
 567 IAC 23.1(4)"cz"
 LCCO Sec. 10-62(d)(104)

Recordkeeping Requirements 40 CFR §63.6655

1. Keep records of the maintenance conducted on the stationary RICE.
2. Keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. Document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. See 40 CFR §63.6655(f) for additional information.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
 567 IAC 23.1(4)"cz"
 LCCO Sec. 10-62(d)(104)

Notification and Reporting Requirements 40 CFR §63.6645, §63.6650, and Table 2d to Subpart ZZZZ

1. An initial notification is not required per 40 CFR §63.6645(a)(5).
2. A report may be required for failure to perform the work practice requirements on the schedule required in Table 2d. (See Footnote 2 of Table 2d for more information.)

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
 567 IAC 23.1(4)"cz"
 LCCO Sec. 10-62(d)(104)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH Registration	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
S50	--	11	V, obstructed	4	1,300	854

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: ICE51, ICE52, ICE53

Associated Equipment

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
ICE51	ICE51	A-Mill Emergency Generator South Unit	Natural Gas	224 bhp	--	--
ICE52	ICE52	A-Mill Emergency Generator North Unit	Natural Gas	189 bhp	--	--
ICE53	ICE53	PKG Emergency Generator	Natural Gas	224 bhp	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

NSPS Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
ICE51 ICE52 ICE53	NOx	2.0 grams/HP-hr	LCPH SI 005
	CO	4.0 grams/HP-hr	LCPH SI 006
	VOC	1.0 grams/HP-hr ⁽¹⁾	LCPH SI 007 40 CFR §60.4233 567 IAC 23.1(2)"zzz" LCCO Sec. 10-62(b)(78)
ICE51 ICE52 ICE53	PM	0.6 lb/MMBtu	567 IAC 23.3(2)(b)(2) LCCO Sec. 10-61(b)(1)
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(1)(b)
	Opacity	20%	LCCO Sec. 10-60

(1) Formaldehyde emissions are not included

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Federal Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in LCCO Sec. 10-62(b) and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in LCCO Sec. 10-62(c) and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in LCCO Sec. 10-62(d) and 567 IAC 23.1(4).

- A. The New Source Performance Standards (NSPS), 40 CFR 60, Subpart A General Provisions and 40 CFR 60 Subpart JJJJ shall apply to these emission units pursuant to LCCO Sec. 10-62(b)(78) and 567 IAC 23.1(2)"zzz".
- B. The National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR 63, Subpart ZZZZ shall apply to these emission units pursuant to LCCO Sec. 10-62(d)(104) and 567 IAC 23.1(4)"cz"

Authority for Requirement: LCPH SI 005; LCPH SI 006
LCPH SI 007

The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart JJJJ. Below are the specific requirements outlined in the Stationary Spark Ignition Internal Combustion Engines < 400 bhp Registration Permits for ICE51, ICE52 and ICE53. For a full explanation of all requirements and to view the subpart in its entirety, please refer to the web link in Appendix A.

Summary of Compliance Requirements for Owners and Operators

- A. Engines subject to Subpart JJJJ are required to meet emission standards. These standards are summarized in the appendix to [the associated LCPH SI Registration]. The engine must be operated and maintained to meet the applicable emission standards over the life of the engine.
- B. Engines that burn gasoline must meet gasoline sulfur standards of 30 ppm per gallon as a refinery or importer average and 80 ppm per gallon as a per-gallon cap. See 40 CFR §80.195.
- C. Engines that are modified or reconstructed must meet the emission limits specified in Table E of the appendix to [the associated LCPH SI Registration]. Owners and operators of these engines must also comply with what is required for a non-certified engine.

Engine Certification Requirements

- A. The following groups of SI engines must be certified by the manufacturer to comply with emission standards in the subpart: SI engines with a maximum engine power of less than 25 HP, SI engines that use gasoline and have a maximum engine power greater than 25 HP, and SI engines that use LPG, are rich burn engines and have a maximum engine power greater than 25 HP.
- B. Other groups of engines may be certified by the manufacturer to comply with the emission standards.

Requirements for certified SI engines

- A. Owners and operators of SI engines that are required to be certified and who operate and maintain the engine according to the manufacturer's written instructions must keep records of required maintenance.
- B. Owners and operators must keep a record from the manufacturer that the engine meets the emission standards.
- C. Owners and operators of SI engines that are not required to be certified may purchase an engine that is certified by the manufacturer to comply with the emission standards. The engine must be maintained according to the manufacturer's written instructions and records of required maintenance must be kept.
- D. Engines that are required to be certified that are not operated and maintained according to manufacturer's written instructions are considered to be non-certified engines. Owners and operators of such a non-certified SI engine must keep a maintenance plan and records of conducted maintenance and must maintain and operate the engine in a manner consistent with good air pollution control practice to minimize emissions. An initial performance test is required if the engine is rated at 100 HP or greater.

Requirements for non-certified SI engines

- A. Owners and operators of non-certified SI engines that are not required to be certified must keep a maintenance plan and records of conducted maintenance and must maintain and operate the engine in a manner consistent with good air pollution control practice to minimize emissions.
- B. Owners and operators must keep a record of the documentation that the engine meets the emission standards.
- C. Owners and operators of a non-certified SI engine that is rated at 100 HP or greater must conduct an initial performance test within 1 year of engine start-up. Testing must be done in accordance with 40 CFR §60.4244. Owners and operators are required to notify the Linn County Public Health Air Quality Division 30 days prior to the test date and are required to submit a stack test report to the Linn County Public Health Department Air Quality Division within six (6) weeks after the test has been conducted.

Emergency Engine Requirements for Owners and Operators

- A. Owners and operators of an emergency SI engine that is 130 HP or greater and that was built on or after January 1, 2011 and that does not meet the applicable standards for a non-emergency engine must install a non-resettable hour meter.
- B. Owners and operators of an emergency SI engine that is less than 130 HP and that does not meet the applicable standards for a non-emergency engine must install a non-resettable hour meter upon start-up.

- C. The engine may be operated for the purpose of maintenance checks and readiness testing a maximum of 100 hours/year. There is no time limit on use for emergency situations.
- D. The engine may be operated for up to 50 hours per year for non-emergency purposes. This operating time cannot be used to generate income for the facility (e.g. supplying power to the grid) and should be included in the total of 100 hours allowed for maintenance checks and readiness testing.
- E. Owners and operators of an emergency engine must keep records of all operation of the engine. The owner must record the time of operation of the engine and the reason the engine was in operation.
- F. Owner and operators of natural gas SI engines may use propane as an alternative fuel for up to 100 hours per year during emergency operations.

A stationary spark ignition internal combustion engine that is installed, modified, or reconstructed after June 12, 2006, shall comply with the requirements of 40 CFR Part 63, Subpart ZZZZ by complying with the NSPS requirements of 40 CFR Part 60, Subpart JJJJ. There are no further requirements for [these emission units].

Annual Reporting Requirements

- A. The owner or operator shall submit the following information no later than January 31st of each year for the previous calendar year:
 - 1. Engine Operation Log

Appendix to LCPH AQD SI Engine Registration Form (Form 2009-JJJJ)

Spark Ignition Engines Emission Standards
40 CFR Part 60, Subpart JJJJ

Table A. Emission Standards for Engines ≤ 19 kW (25 HP)
(based on 40 CFR §90.103)

Limits in grams/KW-hr (grams/HP-hr)

Engine Class ⁽¹⁾	Manufacture Date	HC + NOx	NMHC + NOx ⁽²⁾	CO
I – A	July 1, 2008+	50 (37)	-----	610 (455)
I – B	July 1, 2008+	40 (30)	37 (27.6)	610 (455)
I	July 1, 2008+	16.1 (12.0)	14.8 (11.0)	610 (455)
II	July 1, 2008+	12.1 (9.0)	11.3 (8.4)	610 (455)

- (1) Class I-A: Engines with displacement < 66 cubic centimeters (cc); Class I-B: Engines with a displacement ≥ 66 cc and < 100 cc; Class I: Engines with displacement ≥ 100 cc and < 225 cc; Class II: Engines with a displacement ≥ 225 cc.
- (2) NMHC + NOx standards are applicable only to natural gas fuel engines at the option of manufacturer in lieu of HC + NOx standards.

Table B. Emission Standards for Non-Emergency Gasoline and Rich Burn⁽³⁾ LPG (liquefied petroleum gas) Engines > 19 kW (25 HP) and for Emergency Gasoline and Rich Burn LPG Engines ≥ 100 kW (130 HP)

(based on 40 CFR §1048.101 – see rule for alternative standards)

Limits in grams/KW-hr (grams/HP-hr)

Maximum Engine Power	Manufacture Date ⁽⁴⁾	HC + NOx	CO
19 < kW < 300 (25 < HP < 400)	July 1, 2008+	2.7 (2.0)	4.4 (3.3)
{100 ≤ kW < 300 for emergency engines}	July 1, 2008+ (severe duty ⁽⁵⁾)	2.7 (2.0)	130 (97.0)

- (3) A rich burn engine is a four stroke spark ignited engine where the manufacturer's recommended operating air/fuel ratio divided by the stoichiometric air/fuel ratio at full load is less than or equal to 1.1.
- (4) Date of manufacture for emergency engines is January 1, 2009.

- (5) Severe-duty engines are used in, for example, concrete saws, concrete pumps and similar severe applications where air-cooled engines must be used.

Table C. Emission Standards for Non-Emergency SI Internal Combustion Engines > 19 kW (25 HP) and < 75 kW (100 HP), Except for Gasoline and Rich Burn LPG Engines
(based on 40 CFR §1048.101 – see §60.4233(d) for alternative standard)

Limits in grams/KW-hr (grams/HP-hr)

Maximum Engine Power	Manufacture Date	HC + NOx	CO
19 < kW < 75 (25 < HP < 100)	July 1, 2008+	3.8 (2.9)	6.5 (4.9)
	July 1, 2008+ (severe duty)	3.8 (2.9)	200 (149)

Table D. Emission Standards for Non-Emergency and Emergency SI Internal Combustion Engines ≥ 75 kW (100 HP) and < 300 kW (400 HP) , Except for Gasoline and LPG Rich Burn Engines
(based on Table 1 to subpart JJJJ)

Limits are in grams per horsepower-hour and parts per million by volume dry at 15% O₂

Engine Type and Fuel	Maximum Engine Power	Manufacture Date	Emission Standards					
			g/HP-hr			ppmvd at 15% O ₂		
			NOx	CO	VOC ⁽⁶⁾	NOx	CO	VOC
Non-emergency Natural gas and Non-emergency Lean burn LPG	100 ≤ HP < 400	July 1, 2008+	2.0	4.0	1.0	160	540	86
		January 1, 2011+	1.0	2.0	0.7	82	270	60
Landfill/digester gas	HP < 400	July 1, 2008+	3.0	5.0	1.0	220	610	80
		January 1, 2011+	2.0	5.0	1.0	150	610	80
Emergency	25 < HP < 130	January 1, 2009+	10 ⁽⁷⁾	387	N/A	N/A	N/A	N/A
	HP ≥ 130	January 1, 2009+	2.0	4.0	1.0	160	540	86

(6) Formaldehyde emissions are not included

(7) Limit for HC + NOx

Table E. Emission Standards for Modified or Reconstructed SI Engines
(based on Part 60, subpart JJJJ - §60.4233(f)(1) through (f)(5))

Maximum Engine Power	Engine Type/Fuel	Emission Standards		
kW ≤ 19 (HP ≤ 25)	All	Same as Table A		
kW > 19 (HP > 25)	Gasoline	Same as Table B and Table D		
kW > 19 (HP > 25)	Rich burn LPG	Same as Table B and Table D		
19 < kW < 75 (25 < HP < 100)	Emergency Natural gas or lean burn LPG	Same as Table C		
75 ≤ kW < 97.5 (100 ≤ HP < 130)	Emergency Natural gas or lean burn LPG	Same as Table D		
		g/HP-hr (ppmvd @ 15%O ₂)		
		NOx	CO	VOC
97.5 ≤ kW < 300 (130 ≤ HP < 400)	Emergency natural gas or lean burn LPG	3.0 (250)	4.0 (540)	1.0 (86)
kW > 19 (HP > 25)	Non-emergency natural gas or lean burn LPG	3.0 (250)	4.0 (540) ⁽⁸⁾	1.0 (86)
kW > 19 (HP > 25)	Landfill/digester gas	Same as Table D		

(8) Limit is 5.0 g/HP-hr (675 ppmvd) for non-emergency engines rated at less than 100 HP (75 kW).

Table F. Emission Standards for 4SLB SI engines, With a Rating Greater Than 250 HP, Located at Major Sources of HAPs (based on Table 2a to Part 63, subpart ZZZZ)

Engine Type	Emission Standards
4 Stroke lean burn	Reduce CO emissions by 93% or more ⁽⁹⁾ ; or formaldehyde emissions not to exceed 14 ppmvd at 15% O ₂

⁽⁹⁾ Engines meeting this limit do not need to also comply with CO limit from Subpart JJJJ.

Table G. Operating Limits for 4SLB SI Engines, With a Rating Greater Than 250 HP, Located at Major Sources of HAPs (based on Table 2b to Part 63, subpart ZZZZ)

Control Type	Operating Limit
Oxidation catalyst for CO or formaldehyde control	Maintain catalyst so that pressure drop does not change by more than 2 inches H ₂ O at 100 % load plus or minus 10% from the pressure drop measured during initial stack test; and maintain exhaust temperature so that the catalyst inlet temperature is between 450° F and 1350°F.
Not using an oxidation catalyst for CO or formaldehyde control	Comply with operating limits approved by Administrator

Authority for Requirement: LCPH SI 005; LCPH SI 006
LCPH SI 007

NESHAP Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in LCCO Sec. 10-62(b) and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in LCCO Sec. 10-62(c) and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in LCCO Sec. 10-62(d) and 567 IAC 23.1(4).

- A. The National Emission Standards for Hazardous Air Pollutants (NESHAP) *Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines* shall apply to these emission units pursuant to LCCO Sec. 10-62(d)(104) and 567 IAC 23.1(4) "cz".

According to §63.6590(c) these compression ignited, emergency engines must meet the requirements of this subpart by meeting the requirements of 40 CFR Part 60, Subpart JJJJ. No further requirements apply for these engines under this part.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH Registration	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (acfm)
ICE51	SI 005	6	V, unobstructed	2.5	1,350	1,507
ICE52	SI 006	6	V, unobstructed	2.5	1,250	1,206
ICE53	SI 007	6	V, unobstructed	2.5	1,350	1,507

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22 and Linn County Code of Ordinance (LCCO) Chapter 10 – Environment, Article III, Sec. 10-57.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*
6. For applicable requirements with which the permittee is in compliance, the permittee shall continue to comply with such requirements. For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis. *567 IAC 22.108(15)"c"*

G2. Permit Expiration

1. Except as provided in rule 567—22.104(455B), permit expiration terminates a source's right to operate unless a timely and complete application for renewal has been submitted in accordance with rule 567—22.105(455B). *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall submit on forms or electronic format specified by the Department to the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, Wallace State Office Building, 502 E 9th St., Des Moines, IA 50319-0034, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to U.S. EPA Region VII, Attention: Chief of Air Permitting & Standards Branch, 11201 Renner Blvd., Lenexa, KS 66219. Additional copies to local programs or EPA are not required for application materials submitted through the electronic format specified by the Department. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in 567 IAC 22.105(2). *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The

compliance certification shall be submitted to the administrator, director, and the appropriate DNR Field office. *567 IAC 22.108 (15)"e"*

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate DNR Field office. *567 IAC 22.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
3. The emissions inventory shall be submitted annually by March 31 with forms specified by the department documenting actual emissions for the previous calendar year.
4. The fee shall be submitted annually by July 1 with forms specified by the department.
5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.
7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges

Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:

1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b"*

G8. Duty to Provide Information

The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e"*

G9. General Maintenance and Repair Duties

The owner or operator of any air emission source or control equipment shall:

1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.

4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. *567 IAC 24.2(1)*

G10. Recordkeeping Requirements for Compliance Monitoring

1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
 - a. The date, place and time of sampling or measurements
 - b. The date the analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
 - g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.
3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:
 - a. Comply with all terms and conditions of this permit specific to each alternative scenario.
 - b. Maintain a log at the permitted facility of the scenario under which it is operating.
 - c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:
 - a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 22;
 - b. Compliance test methods specified in 567 Chapter 25; or
 - c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 22.
2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
 - a. Any monitoring or testing methods provided in these rules; or
 - b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 725-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in *567 IAC 131.2(2)*. *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a

manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting

- a. Initial Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The initial report may be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:
 - i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and expected duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps being taken to remedy the excess emission.
 - vi. The steps being taken to limit the excess emission in the interim period.
- b. Written Reporting of Excess Emissions. A written report of an incident of excess emission shall be submitted as a follow-up to all required initial reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:
 - i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.
 - vi. The steps that were taken to limit the excess emission.
 - vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. *567 IAC 24.1(1)-567 IAC 24.1(4)*

3. Emergency Defense for Excess Emissions. For the purposes of this permit, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based

limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:

- a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
- b. The facility at the time was being properly operated;
- c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and
- d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice fulfills the requirement of paragraph 22.108(5)"b." – See G15. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or upset provision contained in any applicable requirement. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4)*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:
 - a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.
 - b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
 - c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
 - d. The changes are not subject to any requirement under Title IV of the Act (revisions affecting Title IV permitting are addressed in rules 567—22.140(455B) through 567 - 22.144(455B));
 - e. The changes comply with all applicable requirements.
 - f. For each such change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:
 - i. A brief description of the change within the permitted facility,
 - ii. The date on which the change will occur,
 - iii. Any change in emission as a result of that change,
 - iv. The pollutants emitted subject to the emissions trade
 - v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
 - vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and

- vii. Any permit term or condition no longer applicable as a result of the change.
567 IAC 22.110(1)
- 2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*
- 3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*
- 4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*
- 5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.

- a. An administrative permit amendment is a permit revision that does any of the following:
 - i. Correct typographical errors;
 - ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - iii. Require more frequent monitoring or reporting by the permittee; or
 - iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.
- b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.
- c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.

2. Minor Title V Permit Modification.

- a. Minor Title V permit modification procedures may be used only for those permit modifications that satisfy all of the following:
 - i. Do not violate any applicable requirement;
 - ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit;
 - iii. Do not require or change a case by case determination of an emission limitation or other standard, or an increment analysis;
 - iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act;
 - v. Are not modifications under any provision of Title I of the Act; and
 - vi. Are not required to be processed as significant modification under rule 567 - 22.113(455B).
- b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:
 - i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - ii. The permittee's suggested draft permit;
 - iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

- iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).
- c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against the facility.

3. Significant Title V Permit Modification.

Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, as those requirements that apply to Title V issuance and renewal.

The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. 567 IAC 22.111-567 IAC 22.113

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 22.1(2) or to meet the parameters established in 567 IAC 22.1(1)"c", the permittee shall not construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to rule 567 IAC 22.8, or permits required pursuant to rules 567 IAC 22.4, 567 IAC 22.5, 567 IAC 31.3, and 567 IAC 33.3 as required in 567 IAC 22.1(1). A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. 567 IAC 22.1(1)

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when activities involve asbestos mills, surfacing of roadways, manufacturing operations, fabricating, insulating, waste disposal, spraying applications, demolition and renovation operations (567 IAC 23.1(3)"a"); training fires and controlled burning of a demolished building (567 IAC 23.2).

G21. Open Burning

The permittee is prohibited from conducting open burning, except as provided in 567 IAC 23.2. 567 IAC 23.2 *except* 23.2(3)"j"; 567 IAC 23.2(3)"j" - *State Only*

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedences of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. 567 IAC 22.108(7)

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.

- c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.
2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.
 3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
 4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.
 5. The permittee shall be allowed to switch from any ozone-depleting or greenhouse gas generating substances to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *40 CFR part 82*

G24. Permit Reopenings

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *567 IAC 22.108(9)"c"*
2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.
 - a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;
 - b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to May 15, 2001.
 - c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. *567 IAC 22.108(17)"a"*, *567 IAC 22.108(17)"b"*
3. A permit shall be reopened and revised under any of the following circumstances:
 - a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to July 21, 1992, provided that the reopening may be stayed pending judicial review of that determination;
 - b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;
 - c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the

additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.

- d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. *567 IAC 22.114(1)*
4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. *567 IAC 22.114(2)*
 5. A notice of intent shall be provided to the Title V source at least 30 days in advance of the date the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency. *567 IAC 22.114(3)*

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
 - a. Such applicable requirements are included and are specifically identified in the permit; or
 - b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.
3. A permit shield shall not alter or affect the following:
 - a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;
 - b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;
 - d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. *567 IAC 22.108 (18)*

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8)*

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought consistent with the requirements of *567 IAC 22.111(1)*. *567 IAC 22.111 (1)"d"*

G29. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with applicable requirements of 567 – Chapter 23 or a permit condition. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. If the owner or operator does not provide timely notice to the department, the department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with applicable rules or permit conditions. Upon written request, the department may allow a notification period of less than 30 days. At the department's request, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. A testing

protocol shall be submitted to the department no later than 15 days before the owner or operator conducts the compliance demonstration. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be exceeded, or the department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance.

Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-9545

Within Polk and Linn Counties, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.

567 IAC 25.1(7)"a", 567 IAC 25.1(9)

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. *567 IAC 26.1(1)*

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Iowa Compliance Officer
Air Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 7
11201 Renner Blvd.
Lenexa, KS 66219
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

Chief, Air Quality Bureau
Iowa Department of Natural Resources
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-8200

Reports or notifications to the DNR Field Offices or local programs shall be directed to the supervisor at the appropriate field office or local program. Current addresses and phone numbers are:

Linn County Public Health

Air Quality Branch
1020 6th Street SE
Cedar Rapids, IA 52401
(319) 892-6000

V. APPENDIX A: Applicable Federal Standards

40 CFR Part 60 Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*

A link to the current final rule can be found at the link below:

http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.d_0c

40 CFR Part 60 Subpart IIII – *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*

A link to the current final rule can be found at the link below:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.8.60.iiii>

A listing of all the promulgated NSPS rules, EPA Region 7 staff contact information (for questions pertaining to the rule), compliance assistance links, and a link to each NSPS can be found at the link below:

<https://www.epa.gov/caa-permitting/air-technology-standards-region-7>

40 CFR Part 60 Subpart JJJJ – *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*

A link to the current final rule can be found at the link below:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.jjjj>

A listing of all the promulgated NSPS rules, EPA Region 7 staff contact information (for questions pertaining to the rule), compliance assistance links and a link to each NSPS can be found at the link below:

<https://www.epa.gov/caa-permitting/air-technology-standards-region-7>

40 CFR 63 Subpart ZZZZ – *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*

A link to the current final rule can be found at the link below:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.14.63.zzzz>

A listing of all the promulgated MACT rules, EPA Region 7 staff contact information (for questions pertaining to the rule), compliance assistance links and a link to each NSPS can be found at the link below:

<https://www.epa.gov/caa-permitting/air-technology-standards-region-7>

V. APPENDIX B: Stack Testing Summary

EP	EU Description	Pollutant	Compliance Methodology	Completion Deadline	Test Method
A37	Elevator G Grain Cleaning & Elevator Legs	PM – State	Stack Test	Dec. 31, 2022	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
A44	Elevator G Basement Grain Handling System B	PM – State	Stack Test	June 30, 2024	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
B04	Corn Mills Cleaning House Process	PM – State	Stack Test	Dec. 31, 2022	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
D28	Oat Rolling System G	PM – State	Stack Test	June 30, 2024	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
D44	B- Grade, A-Grade, Instant, Track 5, and Elevator D Blowers	PM – State	Stack Test	Dec. 31, 2022	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
E06	Unground Oat Hull Conveying	PM – State	Stack Test	June 30, 2024	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
E43	West Oat Hull Truck Loadout System	PM – State	Stack Test	June 30, 2024	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Authority for Requirement: 567 IAC 22.108(3)

V. APPENDIX C: Compliance Plan Summary

EP	Description of EU	Description of Change Requiring a Permit Modification	Compliance Deadline
A07	Elevator A Hull Transfer System	Correct the maximum process rate from 925 cwt to 20 tons per hour	Within 6 months of Title V issuance date
B27	Corn Mill A Flour Grinder I Exhaust	Correct the maximum process rate from 5,850 pounds per hour to 3.75 tons per hour	Within 6 months of Title V issuance date
B28	Corn Mill A Flour Grinder II Exhaust	Correct the maximum process rate from 5,850 pounds per hour to 3.75 tons per hour	Within 6 months of Title V issuance date
E43	West Oat Hull Truck Loadout System	Correct exhaust to 9,704 scfm	Within 6 months of Title V issuance date
K05	Package Building RTE #1 Cereal Belt Dryer	Request modification to Monitoring Requirements to incorporate correct monitoring condition, since K75 was rescinded.	Within 6 months of Title V issuance date

Authority for Requirement: 567 IAC 22.108(15)