Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: CNH Industrial America, LLC
Facility Location: 1930 Des Moines Ave, Burlington, IA 52601
Air Quality Operating Permit Number: 02-TV-008R3
Expiration Date: March 15, 2026

Permit Renewal Application Deadline: September 15, 2025

EIQ Number: 92-2802
Facility File Number: 29-01-006

Responsible Official
Name: Josh Welliver
Title: Plant Manager
Mailing Address: 1930 Des Moines Ave, Burlington, IA 52601
Phone #: (316) 613-1022

Permit Contact Person for the Facility
Name: Kelly Deen
Title: Environmental Health & Safety Manager
Mailing Address: 1930 Des Moines Ave, Burlington, IA 52601
Phone #: (319) 371-9357
E-mail: Kelly.deen@cnhind.com

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

Marnie Stein

March 16, 2021

Marnie Stein, Supervisor of Air Operating Permits Section — Date

Table of Contents

Abbreviations

acfm.....actual cubic feet per minute
CFR.....Code of Federal Regulations
CE .....control equipment
CEM.....continuous emission monitor
^{o}F .....degrees Fahrenheit
EIQ.....emissions inventory questionnaire
EP.....emission point
EU .....emission unit
gal.....gallons
gal/hr. .....gallons per hour
gr/dscf .....grains per dry standard cubic foot
IAC.....Iowa Administrative Code
DNR .....Iowa Department of Natural Resources
MVAC.....motor vehicle air conditioner
NAICS.....North American Industry Classification System
NSPS .....new source performance standard
ppmv .....parts per million by volume
lb/hr .....pounds per hour
lb/MMBtu .....pounds per million British thermal units
SCC.....Source Classification Codes
scfm.....standard cubic feet per minute
SIC .....Standard Industrial Classification
TPY .....tons per year
USEPA.....United States Environmental Protection Agency

Pollutants
PM.....particulate matter
PM_{10}.....particulate matter ten microns or less in diameter
SO_2.....sulfur dioxide
NO_x .....nitrogen oxides
VOC .....volatile organic compound
CO.....carbon monoxide
HAP.....hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: CNH Industrial America, LLC
Permit Number: 02-TV-008R3

Facility Description: Construction Machinery Manufacturing (SIC 3531)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	DNR Construction Permit Number
EP 4	EU 4	Boiler #4	07-A-1361
EP 10A	EU 10A EU 10C	ROPS Paint Booth ROPS Paint Booth AMU	85-A-144-S2
EP 10B	EU 10A EU 10C	ROPS Paint Booth ROPS Paint Booth AMU	01-A-1313-S1
EP 10C	EU 10A EU 10C	ROPS Paint Booth ROPS Paint Booth AMU	01-A-1314-S1
EP 10D	EU 10B	ROPS Oven	01-A-1315-S1
EP 14-1	EU W1 through EU W134	Welding Area (Structure Numbers: 4, 50, 51 and 52) 134 Welders	14-A-004-S1
EP 14-2			14-A-005-S1
EP 14-3			14-A-006-S1
EP 14-4			14-A-007-S1
EP 14-5			14-A-008-S1
EP 14-6			14-A-009-S1
EP 14-7			14-A-010-S1
EP 14-8			14-A-011-S1
EP 14-9			14-A-012-S1
EP 14-10			14-A-013-S1
EP 14-11			14-A-014-S1
EP 14-12			14-A-015-S1
EP 14-13			14-A-016-S1
EP 14-14			14-A-017-S1
EP 14-15			14-A-018-S1
EP 14-16			14-A-019-S1
EP 14-17			14-A-020-S1
EP 19	EU 19	E-Coat Tank	01-A-1310-S1
EP 20A	EU 20	E-Coat Bake Oven	01-A-1311-S2
EP 20B			01-A-1312-S2
EP 23A	EU 23A	Family Line Basecoat Booth,	94-A-366-P5
EP 23B	EU 23B	Family Line Basecoat Booth AMU	00-A-1050-P3
EP 26A	EU 26	Family Line Bake Oven	94-A-369-P4
EP 26B			00-A-1052-P2
EP 26C			00-A-1053-P2

Emission Point Number	Emission Unit Number	Emission Unit Description	DNR Construction Permit Number
EP 27	EU 27A EU 27B	Family Line Touch-Up Booth, Family Line Touch-Up Booth AMU	94-A-370-P5
EP 28	EU 28	Family Line Burn-Off Oven #1	94-A-371-P3
EP 29	EU 29	Family Line Burn-Off Oven #2	94-A-372-P3
EP 102	EU 102	Assembly Line Hydraulic Oil Tank #1	01-A-1299
EP 103	EU 103	Assembly Line Hydraulic Oil Tank #2	01-A-1300
EP 104	EU 104	Assembly Line Transmission Fluid Tank #1	01-A-1301
EP 105	EU 105	Assembly Line Transmission Fluid Tank #2	01-A-1302
EP 106	EU 106	Assembly Line Antifreeze Tank	01-A-1303
EP 107	EU 107	Assembly Line Engine Oil Tank	01-A-1304
EP 109	EU 109	Crawler Line Hydraulic Oil Tank	01-A-1305
EP 118	EU 118	E-Coat Resin Tank (6,000 gallon)	Exempt
EP 119	EU 119	E-Coat Holding Tank	Exempt
EP 120	EU 120	E-Coat Holding Tank	Exempt
EP 121	EU 121	Oily Rinse Water Holding Tank	01-A-1306
EP 122	EU 122	Reject Wastewater Batch Holding Tank	01-A-1307
EP 123	EU 123	Alkaline Cleaner Wastewater Holding Tank	01-A-1308
EP 124	EU 124	Used Coolant Wastewater Holding Tank	01-A-1309
EP 125	EU 125	Wastewater Treatment System	Exempt
EP 133	EU 133	E-Coat Washer	Exempt
EP 137	EU 137	Paint Mix Room	Exempt
EP 137B	EU 137B	Family Line Paint Kitchen	03-A-166
EP 146	EU 146	Prep Area	03-A-167
EP 150	EU 150	Powder Coat Wash System (Boiler)	11-A-353
EP 151	EU 151	Powder Coat Pretreatment Wash System	11-A-354
EP 152	EU 152	Pretreatment Dryoff Oven	11-A-355
EP 153	EU 153	Powder Coat Spray Booths	11-A-356
EP 154	EU 154	Powder Coat Cure Oven	11-A-357
EP 155a	EU 155a	Dozer Paint Spray Booth	15-A-355-S1
EP 155b	EU 155b	Dozer Paint Spray Booth AMU	15-A-356-S1
EP 156	EU 156	Dozer Cure Oven #1	Exempt
EP 157	EU 157	Dozer Cure Oven #2	Exempt
EP 161	EU 161	Dozer Paint Kitchen	Exempt
EP 162	EU 162	Dozer Wash Booth	Exempt
EP 166	EU 166	Test Engine #1	Exempt
EP 167	EU 167	Test Engine #2	Exempt
EP 168	EU 168	100 kW Kohler Emergency Generator	Exempt
EP 171	EU 171	Hand-Held Powder Coat Touch-Up	Exempt

Insignificant Activities Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
EU 35	Natural Gas Combustion Units (117 units between 0.05 and 8.35 MMBtu/hr)
EU 110	Headers Hydraulic Oil Tank (5,000 gal)
EU 111	Headers Gear Oil Tank (1,000 gal)
EU 112	Headers Gear Oil Tank (1,000 gal)
EU 113	Used Oil Tank – Test Lab (1,000 gallon)
EU 114	Hydraulic Oil Tank – Test Lab (2,000 gallon)
EU 115	Diesel Tank- Test Lab (2,000 gallon)
EU 126	Pangborn Shot Blast & Baghouse
EU 158	Dozer Blast Booth
EU 159	Dozer Blast Booth Recycle
EU 160a	Dozer Manual Welder #1
EU 160b	Dozer Manual Welder #2
EU 160c	Dozer Manual Welder #3
EU 160d	Dozer Manual Welder #4
EU 160e	Dozer Manual Welder #5
EU 160f	Dozer Manual Welder #6
EU 160g	Dozer Manual Welder #7
EU 160h	Dozer Manual Welder #8
EU 160i	Dozer Manual Welder #9
EU 160j	Dozer Manual Welder #10
EU 160k	Dozer Robot Welder #1
EU 160l	Dozer Robot Welder #2
EU 163a	Header Welder #1
EU 163b	Header Welder #2
EU 163c	Header Welder #3
EU 163d	Header Welder #4
EU 163e	Header Welder #5
EU 163f	Header Welder #6
EU 163g	Header Welder #7
EU 163h	Header Welder #8
EU 163i	Header Welder #9
EU 164a	Building 5 Welder #1
EU 164b	Building 5 Welder #2
EU 164c	Building 5 Welder #3
EU 164d	Building 5 Welder #4
EU 164e	Building 5 Welder #5
EU 164f	Building 5 Welder #6
EU 164g	Building 5 Welder #7
EU 165a	Building 10 Welder #1
EU 165b	Building 10 Welder #2

Insignificant Emission Unit Number	Insignificant Emission Unit Description
EU 165c	Building 10 Welder #3
EU 169	Diesel Fuel Tank #1 – Assembly Line Tank Farm
EU 170	Diesel Fuel Tank #2 – Assembly Line Tank Farm
EU 172a	Powerwave S500 Welder #1
EU 172b	Powerwave S500 Welder #2
EU 172c	Powerwave S500 Welder #3
EU 172d	Powerwave S500 Welder #4
EU 172e	Powerwave S500 Welder #5
EU 173a	Plasma/Laser Cutter #1 & Baghouse
EU 173b	Plasma/Laser Cutter #2 & Baghouse
EU 173c	Plasma/Laser Cutter #3 & Baghouse
EU 173d	Plasma/Laser Cutter #4 & Baghouse
EU 173e	Plasma/Laser Cutter #5 & Baghouse
EU 173f	Plasma/Laser Cutter #6 & Baghouse
EU 173g	Plasma/Laser Cutter #7 & Baghouse
EU 173h	Plasma/Laser Cutter #8 & Baghouse
EU 174	Roboblast & Baghouse
EU 175	Ernst Grinder & Filter

II. Plant-Wide Conditions

Facility Name: CNH Industrial America, LLC
Permit Number: 02-TV-008R3

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

Permit Duration

The term of this permit is: Five (5) years from permit issuance
Commencing on: March 16, 2021
Ending on: March 15, 2026

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"

Sulfur Dioxide (SO_2): 500 parts per million by volume
Authority for Requirement: 567 IAC 23.3(3)"e"

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"

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, fertilizer 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"

NSPS and NESHAP Requirements

40 CFR 60 Subpart A

This facility is an affected source and these *General Provisions* apply to the facility. The affected unit are EU 4, EU 166, EU 167, and EU 168.
See Appendix for a link to the Standard.
Authority for Requirements: 40 CFR 60 Subpart A
567 IAC 23.1(2)

40 CFR 60 Subpart Dc

This facility is subject to *Standards of Performance for Small Industrial Commercial Institutional Steam Generating Units.* The affected unit is EU 4.
See Appendix for a link to the Standard.
Authority for Requirements: 40 CFR 60 Subpart Dc
567 IAC 23.1(2) "lll"

40 CFR 60, Subpart IIII

The engines at this facility are subject to *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.* The affected units are EU 166, EU 167, and EU 168.
See Appendix for a link to the Standard.
Authority for Requirements: 40 CFR Part 60, Subpart IIII
567 IAC 23.1(4)"cz"

40 CFR 63 Subpart A

This facility is an affected source and these *General Provisions* apply to the facility. The affected units are EU 4, EU 10A, EU 10B, EU 19, EU 20, EU 23, EU 26, EU 27, EU 28, EU 29, EU 118, EU 119, EU 120, EU 125, EU 133, EU 137, EU 137A, EU 137B, EU 146, EU 150, EU 151, EU 152, EU 153, EU 154, EP 155a, EP 155b, EP 156, EP 157, EP 161, EP 162, and EP 171.

See Appendix for a link to the Standard.

Authority for Requirements: 40 CFR 63 Subpart A
567 IAC 23.1(4)

40 CFR 63 Subpart MMMM

This facility is subject to *National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.* The affected units are EU 10A, EU 10B, EU 19, EU 20, EU 23, EU 26, EU 27, EU 28, EU 29, EU 118, EU 119, EU 120, EU 125, EU 133, EU 137, EU 137A, EU 137B, EU 146, EU 151, EU 152, EU 153, EU 154, EP 155a EP 155b, EP 156, EP 157, EP 161, EP 162, and EP 171.

See Appendix for a link to the Standard.

Authority for Requirements: 40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

40 CFR 63 Subpart DDDDD

This facility is subject to *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, And Institutional Boilers and Process Heaters.* The affected units are EU 4 and EU 150.

See Appendix for a link to the Standard.

Authority for Requirements: 40 CFR 63 Subpart DDDDD

40 CFR 63 Subpart ZZZZ

The engines are subject to 40 CFR 63, Subpart ZZZZ - *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).*

See Appendix for a link to the Standard.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

III. Emission Point-Specific Conditions

Facility Name: CNH Industrial America LLC
Permit Number: 02-TV-008R3

Emission Point ID Number: EP 4

Associated Equipment

Associated Emission Unit ID Number: EU 4

Emission Unit vented through this Emission Point: EU 4
Emission Unit Description: Boiler #4
Raw Material/Fuel: Natural Gas
Rated Capacity: 10.5 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.

Pollutant: Opacity
Emission Limit(s): No Visible Emissions
Authority for Requirement: DNR Construction Permit 07-A-1361
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 0.16 lb/hr
Authority for Requirement: DNR Construction Permit 07-A-1361

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.16 lb/hr, 0.6 lb/MMBtu
Authority for Requirement: DNR Construction Permit 07-A-1361
567 IAC 23.3(2)"b"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: DNR Construction Permit 07-A-1361
567 IAC 23.3(3)"e"

Operational Limits & Requirements

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

Operating Limits

Process throughput:

A. Boiler, EU 4, is limited to using natural gas only.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Record the amount of fuel used on a monthly basis. This may be documented with meter readings or fuel bills.

Authority for Requirement: DNR Construction Permit 07-A-1361

NSPS and NESHAP Applicability

This emission unit is subject to 40 CFR Part 60 Subpart A (*General Provisions*) and Subpart Dc (Standards of Performance for *Small Industrial- Commercial-Institutional Steam Generating Units*) of the New Source Performance Standards (NSPS). Failure to specifically include all of the requirements of the NSPS in this permit does not relieve the owner or operator of those requirements.

Authority for Requirement: DNR Construction Permit 07-A-1361
40 CFR 60 Subpart Dc
567 IAC 23.1(2)"lll"

This emissions unit is subject to regulation by the National Emission Standard for Hazardous Air Pollutants (NESHAP) Subpart DDDDD for *Industrial, Commercial, and Institutional Boilers and Process Heaters* and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart DDDDD

NESHAP Reporting Requirements

Reporting Frequency	
Emission Unit	**Compliance Report Frequency**
EU4	Annually
EU150	Every 5 years

The permittee shall maintain copies of each notification and report submitted to comply with 40 CFR 63, subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or annual, 2-, or 5-year compliance report submitted, according to the requirements in § 63.10(b)(2)(xiv).

Authority for Requirement: 40 CFR § 63.7555(a)

The permittee shall submit annual, biennial and/or 5-year compliance reports as set forth in the preceding table. Each annual, biennial, and 5-year compliance reports, as applicable, must be postmarked or submitted no later than March 31. Multiple boilers and/or process heaters may be addressed in the same report.

Each compliance report shall contain the following information:

A. Company and Facility name and address.
B. Process unit information (a description of the affected boiler or process heater, including identification of the fuels burned, the design heat input capacity of the unit, and the unit's fuel subcategory).
C. Date of report and beginning and ending dates of the reporting period for the affected boiler or process heater.
D. Include the date of the most recent tune-up for the affected boiler or process heater subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to § 63.7540(a)(10), (11), or (12) respectively. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.
E. If there is a deviation from a work practice standard during the reporting period, the report must contain a description of the deviation (which boiler or process heater tune-up was missed), duration and cause of the deviation, and the corrective action taken.

The permittee shall submit all reports electronically using Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the US EPA's Central Data Exchange (CDX) (*www.epa.gov/cdx*). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the permittee shall submit the report to the US EPA at the appropriate address listed in § 63.13. At the discretion of the US EPA, the permittee shall also submit these reports, to the US EPA in the format specified by the US EPA.

Authority for Requirement: 40 CFR § 63.7550 and Table 9 of subpart DDDDD

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 35
Stack Opening, (inches, dia.): 20
Exhaust Flow Rate (scfm): 2,100
Exhaust Temperature (^{o}F): 400
Discharge Style: Vertical, Obstructed
Authority for Requirement: DNR Construction Permit 07-A-1361

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 Numbers: EP 14-1, EP 14-2, EP 14-3, EP 14-4, EP 14-5, EP 14-6, EP 14-7, EP 14-8, EP 14-9, EP 14-10, EP 14-11, EP 14-12, EP 14-13, EP 14-14, EP 14-15, EP 14-16, and EP 14-17

Associated Equipment

Associated Emission Unit ID Number: EU W1 through EU W134

Emission Unit vented through this Emission Point: EU W1 through EU W134
Emission Unit Description: Welding Area (Structure Numbers: 4, 50, 51 and 52); 134 Welders
Raw Material/Fuel: Wire Weld
Rated Capacity: 500 IPM (each)

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from these emission points shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: 567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of "no visible emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/scf
Authority for Requirement: DNR Construction Permits: 14-A-004-S1, 14-A-005-S1, 14-A-006-S1, 14-A-007-S1, 14-A-008-S1, 14-A-009-S1, 14-A-010-S1, 14-A-011-S1, 14-A-012-S1, 14-A-013-S1, 14-A-014-S1, 14-A-015-S1, 14-A-016-S1, 14-A-017-S1, 14-A-018-S1, 14-A-019-S1, 14-A-020-S1
567 IAC 23.3(2)"a"

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 Welding Area (Structure Numbers 4, 50, 51 and 52) is limited to the use of E70S electrode.
    1. The owner/operator shall maintain a copy of an MSDS or other vendor's documentation showing the type of electrode for all electrode used.
B. The welding electrode usage for the Welding Area (Structure Numbers 4, 50, 51 and 52) is limited to no more than 1807.69 tons per twelve (12) month period, rolled monthly.
    1. At the end of each month, record the amount, in tons, of electrode used at the Area (Structure Numbers 4, 50, 51 and 52) over the previous month.
    2. At the end of each month, record the amount, in tons, of electrode used at the Area (Structure Numbers 4, 50, 51 and 52) over the previous twelve (12) months.

Authority for Requirement: DNR Construction Permits: 14-A-004-S1, 14-A-005-S1, 14-A-006-S1, 14-A-007-S1, 14-A-008-S1, 14-A-009-S1, 14-A-010-S1, 14-A-011-S1, 14-A-012-S1, 14-A-013-S1, 14-A-014-S1, 14-A-015-S1, 14-A-016-S1, 14-A-017-S1, 14-A-018-S1, 14-A-019-S1, 14-A-020-S1

Emission Point Characteristics

These emission points shall conform to the specifications listed below.

EP	Stack Height, (ft, from the ground)	Stack Opening (inches)	Exhaust Flow Rate (scfm)	Stack Temperature (ºF)	Discharge Type	Construction Permit Number
EP 14-1	34	42	30,000	Ambient	Vertical Unobstructed	14-A-004-S1
EP 14-2	34	36	20,000	Ambient	Vertical Unobstructed	14-A-005-S1
EP 14-3	34	36	20,000	Ambient	Vertical Unobstructed	14-A-006-S1
EP 14-4	34	36	20,000	Ambient	Vertical Unobstructed	14-A-007-S1
EP 14-5	34	42	30,000	Ambient	Vertical Unobstructed	14-A-008-S1
EP 14-6	35	36	20,000	Ambient	Vertical Unobstructed	14-A-009-S1
EP 14-7	35	36	20,000	Ambient	Vertical Unobstructed	14-A-010-S1
EP 14-8	35	36	20,000	Ambient	Vertical Unobstructed	14-A-011-S1

EP	Stack Height, (ft, from the ground)	Stack Opening (inches)	Exhaust Flow Rate (scfm)	Stack Temperature (ºF)	Discharge Type	Construction Permit Number
EP 14-9	35	36	20,000	Ambient	Vertical Unobstructed	14-A-012-S1
EP 14-10	35	36	20,000	Ambient	Vertical Unobstructed	14-A-013-S1
EP 14-11	35	36	20,000	Ambient	Vertical Unobstructed	14-A-014-S1
EP 14-12	35	36	20,000	Ambient	Vertical Unobstructed	14-A-015-S1
EP 14-13	35	36	20,000	Ambient	Vertical Unobstructed	14-A-016-S1
EP 14-14	19	48	17,700	Ambient	Horizontal	14-A-017-S1
EP 14-15	19	48	17,700	Ambient	Horizontal	14-A-018-S1
EP 14-16	19	48	17,700	Ambient	Horizontal	14-A-019-S1
EP 14-17	19	48	17,700	Ambient	Horizontal	14-A-020-S1

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 10A, EP 10B, EP 10C, EP 10D, EP 19, EP 20A, EP 20B, EP 23A, EP 23B, EP 26A, EP 26B, EP 26C, EP 27, EP 28, EP 29

Associated Equipment

Associated Emission Unit ID Number: EU 10A, EU 10B, EU 10C, EU 19, EU 20, EU 23A, EU 23B, EU 26, EU 27A, EU 27B, EU 28, EU 29

Emission Units vented through these Emission Points: See Table: Surface Coating Operations
Emission Unit Description: Surface Coating Operations
Raw Material/Fuel: Paint/Solvent, Natural Gas

Table: Surface Coating Operations

EP#	EU#	Emission Unit Description	Maximum Design Capacity	CE#	Control Equipment Description	Permit #
10A	10A	ROPS Paint Booth	2 guns, each at 5.6 gal/hr	10A	Downdraft Waterfall	85-A-144-S2
	10C	ROPS Paint Booth AMU	7.29 MMBtu/hr			
10B	10A	ROPS Paint Booth	2 guns, each at 5.6 gal/hr	10A	Downdraft Waterfall	01-A-1313-S1
	10C	ROPS Paint Booth AMU	7.29 MMBtu/hr			
10C	10A	ROPS Paint Booth	2 guns, each at 5.6 gal/hr	10A	Downdraft Waterfall	01-A-1314-S1
	10C	ROPS Paint Booth AMU	7.29 MMBtu/hr			
10D	10B	ROPS Oven	2.0 MMBtu/hr	NA	NA	01-A-1315-S1
19	19	E-coat Tank	40,000 gal	NA	NA	01-A-1310-S1
20A	20	E-coat Bake Oven	24 MMBtu/hr	NA	NA	01-A-1311-S2
20B	20	E-coat Bake Oven	24 MMBtu/hr	NA	NA	01-A-1312-S2
23A	23A	Family Line Basecoat Booth	2 guns, each 16 gal/hr	23	Air Scrubber	94-A-366-P5
	23B	Family Line Basecoat Booth AMU	8.36 MMBtu/hr			

EP#	EU#	Emission Unit Description	Maximum Design Capacity	CE#	Control Equipment Description	Permit #
23B	23A	Family Line Basecoat Booth	2 guns, each 16 gal/hr	23	Air Scrubber	00-A-1050-P3
	23B	Family Line Basecoat Booth AMU	8.36 MMBtu/hr			
26A	26	Family Line Bake Oven	9 MMBtu/hr	NA	NA	94-A-369-P4
26B	26	Family Line Bake Oven	9 MMBtu/hr	NA	NA	00-A-1052-P2
26C	26	Family Line Bake Oven	9 MMBtu/hr	NA	NA	00-A-1053-P2
27	27A	Family Line Touch-up Booth	2 guns, each at 2.5 gal/hr	27	Paint Filters	94-A-370-P5
	27B	Family Line Touch-up Booth AMU	3.20 MMBtu/hr			
28	28	Family Line Burn-off Oven #1	2.0 MMBtu/hr	28	Afterburner	94-A-371-P3
29	29	Family Line Burn-off Oven #2	2.0 MMBtu/hr	29	Afterburner	94-A-372-P3

Applicable Requirements

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

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in any permit contained in this "Collection of Air Permits".

1a. Emission Limits #1 – Prevention of Significant Deterioration (PSD)

The following ***combined*** emission limits for the listed emission points shall not be exceeded:

EP ID	Pollutant	lb/hr	tons/yr	Other Limits	Reference/Basis
EP-23A, EP-23B, EP-26A, EP-26B, EP-26C, EP-27, EP-28, EP-29	Volatile Organic Compounds (VOC)	NA	496.0	NA	BACT

1b. Emission Limits #2 – National Emission Standards for Hazardous Air Pollutants (NESHAP)

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in any permit contained in this "Collection of Air Permits". The following federal emission limit for the surface coating of miscellaneous metal parts and products at Plant Number 29-01-006 shall not be exceeded:

EP ID	Pollutant	lb/hr	tons/yr	Other Limits	Reference/Basis
EP-10A, EP-10B, EP-10C, EP-10D, EP-19, EP-20A, EP-20B, EP-23A, EP-23B, EP-26A, EP-26B, EP-26C, EP-27, EP-28, EP-29	Total Organic HAP	NA	NA	2.6 pounds organic HAP per gallon of coating solids [(1)] (*General use coating*)	40 CFR Part 63, Subpart MMMM 567 IAC 23.1(4) "*cm*" [(2)]

(1) Total organic HAP limit per 40 CFR §63.3890(b)(1). It applies to the collection of units in the Family Line Surface Coating Operation at Plant Number 29-01-006.

(2) Reference in the Iowa Administrative Code (IAC) for 40 CFR Part 63, Subpart MMMM – *National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Product*s.

1c. Emission Limits #3 – Combined Emissions

A. The following combined emission limits shall not be exceeded for the following emission points:

EP	Pollutant	lb/hr	tons/yr	Other Limits	Reference/Basis
EP-23A, EP-23B	PM_{10}	1.40 (1)	NA	NA	NA
EP-26A, EP-26B, EP-26C	PM_{10}	0.07 (2)	NA	NA	NA
EP-10A, EP-10B, EP-10C, EP-19	Volatile Organic Compounds (VOC)	NA	39.0 (3)	NA	NA

(1) The emission limit represents the total allowed for EP-23A and EP-23B combined.
(2) The emission limit represents the total allowed for EP-26A, EP-26B, and EP-26C combined.
(3) The emission limit represents the total allowed for EP-10A, EP-10B, EP-10C and EP-19 combined.

1d. Emission Limits #4 – Per Emission Point

A. The following emission limits shall not be exceeded per emission point:

EP	Pollutant	lb/hr	tons/yr	Other Limits	Reference/Basis
EP-19, EP-10A, EP-10B, EP-10C, EP-23A, EP-23B	Particulate Matter (PM) – State	NA	NA	0.01 gr/dscf	567 IAC 23.4(13)
	Opacity	NA	NA	40% (1)	567 IAC 23.3(2)"*d*"
EP-10D, EP-20A, EP-20B, EP-26A, EP-26B, EP-26C	Particulate Matter (PM) – State	NA	NA	0.1 gr/dscf (1)	567 IAC 23.3(2)"*a*"(1)
	Opacity	NA	NA	40% (1)	567 IAC 23.3(2)"*d*"
	Sulfur Dioxide (SO_2)	NA	NA	500 ppm_v	567 IAC 23.3(3)"*e*"
EP-27	Particulate Matter (PM) – State	NA	NA	0.01 gr/dscf	567 IAC 23.4(13)
	PM_{10}	1.29	NA	NA	NA
	Opacity	NA	NA	40% (1)	567 IAC 23.4(12)"*b*"
EP-28, EP-29	Particulate Matter (PM) – State	NA	NA	0.35 gr/dscf (2)	567 IAC 23.4(12)"*a*"
	PM_{10}	0.11	NA	NA	NA
	Opacity	NA	NA	40% (3)	567 IAC 23.4(12)"*b*"
	Sulfur Dioxide (SO_2)	NA	NA	500 ppm_v	567 IAC 23.3(3)"*e*"

(1) An exceedance of the indicator opacity of "no visible emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).
(2) This standard is adjusted to 12 percent carbon dioxide.
(3) No visible emissions in excess of 40 percent opacity are allowed; except that visible emissions in excess of 40 percent opacity but less than or equal to 60 percent opacity may be emitted for periods aggregating no more than 3 minutes in any 60-minute period during an operation breakdown or during the cleaning of air pollution control equipment.

Operational Limits & Requirements

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

National Emission Standards for Hazardous Air Pollutants (NESHAP):
The following subparts apply to the emission unit(s) in these permits:

EU ID	Subpart	Title	Type	State Reference (567 IAC)	Federal Reference (40 CFR)
EU-10A, EU-10B, EU-19, EU-20, EU-23A, EU-26, EU-27A, EU-28, EU-29	A	General Conditions	NA	23.1(4)	§63.1 – §63.15
	MMMM	National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products	Existing general use coating [§63.3890(b)(1)]	23.1(4)"*cm*"	§63.3880 - §63.3981

Operating Requirements and Associated Recordkeeping

All records as required by these permits 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 requirements for these permits shall be:

EU-10A (ROPS Paint Booth) & EU-19 (E-Coat Tank)

A. Material stored in the E-coat Tank (EU-19) shall not have a vapor pressure that exceed 3.5 kPA.
   1) The permittee shall keep a Safety Data Sheet (SDS) of any material stored in the E-coat Tank (EU-19) with the vapor pressure of the material.

B. The permittee shall record daily the date, the materials used in Emission Units 10A (ROPS Paint Booth) and EU-19 (E-coat Tank), and the total amount of the materials used in Emission Units 10A (ROPS Paint Booth) and EU-19 (E-coat Tank) for that day (in gal/day).
   1) The owner or operator shall maintain on-site a copy of the Safety Data Sheet for each material used in Emission Units 10A and 19.
   2) The owner or operator shall maintain a log listing the name and VOC content, in pounds per gallon, of each material used in Emission Units 10A and 19.

C. The permittee shall determine the combined total non-combustion VOC emissions for EU-10A and EU-19 on a rolling twelve month basis for each month of operation.

D. If the twelve month rolling total of the combined non-combustion VOC emissions for EU-10A and EU-19 exceed 31.2 tons, the permittee shall begin recording the 365-day rolling total of the amount of non-combustion VOC emissions for EU-10A and EU-19. Daily calculations for VOC emissions shall continue until the 365-day rolling total of the amount of VOC emissions from EU-10A and EU-19 drops below 31.2 tons for the remainder of the current calendar month plus one additional calendar month. At that time, rolling daily calculation of VOC emissions may cease per Condition 5.C of this

permit. If the emissions once again exceed 31.2 tons, daily recordkeeping per Condition 5.D of this permit will be required.

EU-23A, EU-23B, EU-26, EU-27A, EU-27B, EU-28, and EU-29

A. The VOC content of the material used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 shall not exceed:
   1) 7.3 pounds per gallon of solvent;
   2) 5.31 pounds per gallon of touchup, specialty color, or other miscellaneous coating; and,
   3) 4.7 pounds per gallon of all other coatings.
   4) The owner or operator shall maintain on-site a copy of the Safety Data Sheet for each material used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29.
   5) The owner or operator shall maintain a log listing the name and VOC content, in pounds per gallon, of each material used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29.

B. The combined total amount of solvent used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 shall not exceed 8,000 gallons in any twelve (12) month rolling period.
   1) The owner or operator shall record the amount of solvent, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a monthly basis.
   2) The owner or operator shall calculate and record the amount of solvent, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a 12-month rolling total basis.

C. The combined total amount of any touchup, specialty color, or other miscellaneous coating used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 shall not exceed 6,318 gallons in any twelve (12) month rolling period.
   1) The owner or operator shall record the amount of touchup, specialty color, or other miscellaneous coating, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a monthly basis.
   2) The owner or operator shall calculate and record the amount of any touchup, specialty color, or other miscellaneous coating, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a 12-month rolling total basis.

D. The combined total amount of all other coatings used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 shall not exceed 191,000 gallons in any twelve (12) month rolling period.
   1) The owner or operator shall record the amount of all other coatings, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a monthly basis.
   2) The owner or operator shall calculate and record the amount of all other coatings, in gallons, used in Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 on a 12-month rolling total basis.

Authority for Requirement: DNR Construction Permits 85-A-144-S2, 01-A-1313-S1, 01-A-1314-S1, 01-A-1315-S1, 01-A-1310-S1, 01-A-1311-S2, 01-A-1312-S2, 94-A-366-P5, 00-A-1050-P3, 94-A-369-P4, 00-A-1052-P2, 00-A-1053-P2, 94-A-370-P5, 94-A-371-P3, 94-A-372-P3

NESHAP Requirements

A. The owner or operator shall comply with the applicable requirements in 40 CFR Part 63, Subpart MMMM [§63.3880 - §63.3981], including those not specifically mentioned in this permit.

1) In accordance with 40 CFR §63.3980(b)(1), the owner or operator shall limit organic HAP emissions from the operation of Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 to no more than 2.6 pounds of organic HAP per gallon of solids used during the compliance period. A compliance period consists of 12 months. Each month is the end of the compliance period consisting of that month and the preceding 11 months.

2) As specified in 40 CFR §63.3891, the owner or operator shall include all coatings (as defined in §63.3981), thinners, and cleaning materials used in the operation of Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29 when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit of 2.6 pounds of organic HAP per gallon of solids. To make this determination, the owner or operator shall use one or both of the following compliance options:

a) Compliant Material Option, as specified in 40 CFR §63.3891(a).

i. When using this option, the owner or operator shall demonstrate that the organic HAP content of each coating used in the coating operations is less than or equal to 2.6 lb organic HAP/gal coating and that each thinner and/or other additives, and cleaning material used contains non organic HAP.

ii. The owner or operator shall meet all the requirements in §63.3940, §63.3941, and §63.3942 to demonstrate compliance with the emission limit using this option. However, the owner or operator is not required to meet any work practice standards when using this option.

b) Emission Rate without Add-on Controls Option, as specified in 40 CFR §63.3891(b).

i. When using this option, the owner or operator shall demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operations is less than or equal to 2.6 lb organic HAP/gal coating, calculated as a rolling 12-month emission rate and determined on a monthly basis.

ii. The owner or operator shall meet all the requirements in §63.3950, §63.3951, and §63.3952 to demonstrate compliance with the emission limit using this option. However, the owner or operator is not required to meet any work practice standards when using this option.

3) The owner or operator shall adhere to the following guidelines when using the compliance options described in this permit.

a) The owner or operator may apply any of the compliance options allowed by this permit to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source.

b) The owner or operator may use different compliance options for different coating operations or at different times on the same coating operation.

c) The owner or operator may employ different compliance options when different coatings are applied to the same part or when the same coating is applied to different parts.

d) However, the owner or operator may not use different compliance options at the same time on the same coating operation.
e) If the owner or operator switches between compliance options for the operation of Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29, this switch shall be recorded as required by 40 CFR §63.3930(c) and reported as required by 40 CFR §63.3920.

4) The owner or operator shall document how the compliance options described in 40 CFR §63.3891 are being applied to determine the organic HAP emission rate from the operation of Emission Units 23A, 23B, 26, 27A, 27B, 28, and 29.
5) The owner or operator shall submit all applicable notifications and reports as required by 40 CFR §63.3910 and §63.3920, respectively.
6) The owner or operator shall maintain records as specified in 40 CFR §63.3930.
7) If the facility (Plant No. 29-01-006) uses an allowance in Equation 1 of 40 CFR §63.3951 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to §63.3951(e)(4), the owner or operator shall comply with the recordkeeping requirements in §63.3930(h).

Control Equipment

A. The owner or operator shall maintain the temperature of each afterburner at the operating levels specified by the manufacturer, but no lower than 1,400°F.
   1) If afterburner temperature falls below 1,400°F, the owner or operator shall investigate and make any necessary corrections.

B. The owner or operator shall inspect and maintain the air scrubbers, paint filters, and afterburners according to the facility's (Plant No. 29-01-006) operation and maintenance plan.
   1) The owner or operator shall keep a log of all maintenance and inspection activities performed on the control equipment described in this document. This log shall include, but shall not limited to:
      a) The date that any inspection and/or maintenance was performed on the control equipment;
      b) Any issues identified during the inspection;
      c) Any issues addressed during the maintenance activities;
      d) Any actions taken to correct operating temperature malfunctions; and,
      e) Identification of the staff member performing the maintenance or inspection.

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP ID	Stack Height, Feet	Discharge Style	Stack Opening, Inches	Stack Temperature, °F	Exhaust Flowrate, SCFM
EP-10A	55	Vertical unobstructed	30 x 45	70	17,600
EP-10B	55	Vertical unobstructed	30 x 45	70	17,600
EP-10C	55	Vertical unobstructed	30 x 45	70	17,600
EP-10D	48	Vertical unobstructed	24 x 14	170	10,500
EP-19	32	Vertical obstructed	24 x 36	70	12,500
EP-20A	32	Vertical obstructed	40 x 28	170	10,500
EP-20B	48	Vertical obstructed	24 x 14	170	10,500
EP-23A	46.5	Vertical unobstructed	52	68	37,000
EP-23B	46.5	Vertical unobstructed	52	68	37,000
EP-26A	55	Vertical obstructed	10	275	700
EP-26B	55	Vertical obstructed	32	350	7,900
EP-26C	55	Vertical obstructed	10	275	700
EP-27	55	Vertical obstructed	46	68	30,000
EP-28	40	Vertical unobstructed	12	1,400	400
EP-29	40	Vertical unobstructed	12	1,400	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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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)

Compliance Assurance Monitoring (CAM) Plan

Applicable Equipment: Family Line Basecoat Booth Air Scrubber (CE 23)

Applicable Requirements	PM Limits
General Monitoring Approach	Visual Inspection.
Daily	Inspect the paint booth system to ensure proper fluid flow through the waterwall.
Indicator Range/Source	Presence of conditions that reduce the operating efficiency of the control equipment.
Data Collection Frequency	Daily: Visual inspection observations.
Recordkeeping	Continue daily logs of visual inspections. All corrective actions resulting from compliance indicators and inspections and maintenance. Maintenance and inspection records will be kept for at least five (5) years and be available to the IDNR upon request.
QA/QC	The equipment will be operated and maintained according to manufacturer recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Paint Booth Agency Approved Operation & Maintenance Plan

Weekly

- Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Recordkeeping and Reporting

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

Quality Control

A. The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Numbers: Storage Tanks (10,000 gallons or less) EP 102, EP 103, EP 104, EP 105, EP 106, EP 107, EP 109, EP 124

Associated Equipment

Emission Point	Emission Unit	Emission Unit Description	Raw Material	Rated Capacity (gallons)	Construction Permit #
EP 102	EU 102	Assembly Line Hydraulic Oil Tank #1	Hydraulic Oil	10,000	01-A-1299
EP 103	EU 103	Assembly Line Hydraulic Oil Tank #2	Hydraulic Oil	10,000	01-A-1300
EP 104	EU 104	Assembly Line Transmission Fluid Tank #1	Transmission Fluid	10,000	01-A-1301
EP 105	EU 105	Assembly Line Transmission Fluid Tank #2	Transmission Fluid	8,000	01-A-1302
EP 106	EU 106	Assembly Line Antifreeze Tank	Antifreeze	8,000	01-A-1303
EP 107	EU 107	Assembly Line Engine Oil Tank	Engine Oil	8,000	01-A-1304
EP 109	EU 109	Crawler Line Hydraulic Oil Tank	Hydraulic Oil	6,000	01-A-1305
EP 124	EU 124	Used Coolant Wastewater Holding Tank	Used Coolant Wastewater	3,800	01-A-1309

Applicable Requirements

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

The emissions from these emission points shall not exceed the levels specified below.

There are no applicable emission limits at this time.

Operational Limits & Requirements

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

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

1. Determine the annual throughput of material on a rolling 12-month basis for each month of operation.

Authority for Requirement: DNR Construction Permits 01-A-1299,
01-A-1300, 01-A-1301, 01-A-1302, 01-A-1303, 01-A-1304,
01-A-1305, 01-A-1309

Emission Point Characteristics

These emission points shall conform to the specifications listed below.

EP	Stack Height, (ft, from the ground)	Stack Opening (inches, dia.)	Exhaust Flow Rate (scfm)	Stack Temperature (°F)	Discharge Type	Construction Permit #
EP 102	21	2	Displacement	70	Obstructed Vertical	01-A-1299
EP 103	21	2	Displacement	70	Obstructed Vertical	01-A-1300
EP 104	21	2	Displacement	70	Obstructed Vertical	01-A-1301
EP 105	19	2	Displacement	70	Obstructed Vertical	01-A-1302
EP 106	21	2	Displacement	70	Obstructed Vertical	01-A-1303
EP 107	19	2	Displacement	70	Obstructed Vertical	01-A-1304
EP 109	17	2	Displacement	70	Obstructed Vertical	01-A-1305
EP 124	10	96 (Open Top Tank)	Displacement	70	Unobstructed Vertical	01-A-1309

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 118, 119, 120

Associated Equipment

Emission Point	Emission Unit	Emission Unit Description	Raw Material	Rated Capacity (gallons)
EP 118	EU 118	E-Coat Resin Tank	E-Coat Resin	6,000
EP 119	EU 119	E-Coat Holding Tank	E-Coat	Unknown
EP 120	EU 120	E-Coat Holding Tank	E-Coat	Unknown

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.

There are no applicable emission limits for this emission unit at this time.

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM

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: EP 121

Associated Equipment

Associated Emission Unit ID Number: EU 121

Emission Unit vented through this Emission Point: EU 121
Emission Unit Description: Oily Rinse Water Holding Tank
Raw Material/Fuel: Oily Rinse Water
Rated Capacity: 27,000 gallons

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.

There are no applicable emission limits for this emission unit at this time.

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

Operating Limits

Process throughput:

A. The material stored in this tank shall not have a vapor pressure that exceeds 15.0 kPa.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. A Safety Data Sheet (SDS) for any material stored in the tank.
B. The vapor pressure of any material stored in the tank.
C. After the first twelve (12) months of operation, determine the annual throughput of material on a rolling-12-month basis for each month of operation.

Authority for Requirement: DNR Construction Permit 01-A-1306

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 22
Stack Opening, (inches, dia.): 24
Exhaust Flow Rate (scfm): Displacement
Exhaust Temperature (^{o}F): 70
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 01-A-1306

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 122

Associated Equipment

Associated Emission Unit ID Number: EU 122

Emission Unit vented through this Emission Point: EU 122
Emission Unit Description: Reject Wastewater Batch Holding Tank
Raw Material/Fuel: Reject Wastewater
Rated Capacity: 63,000 gallons

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.

There are no applicable emission limits for this emission unit at this time.

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

Operating Limits

Process Throughput:

A. The material stored in this tank shall not have a vapor pressure that exceeds 3.5 kPa.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. A Safety Data Sheet (SDS) for any material stored in the tank.
B. The vapor pressure of any material stored in the tank.
C. Determine the annual throughput of material on a rolling-12-month basis for each month of operation.

Authority for Requirement: DNR Construction Permit 01-A-1307

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 22
Stack Opening, (inches, dia.): 24
Exhaust Flow Rate (scfm): Displacement
Exhaust Temperature (^{o}F): 70
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 01-A-1307

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 123

Associated Equipment

Associated Emission Unit ID Number: EU 123

Emission Unit vented through this Emission Point: EU 123
Emission Unit Description: Alkaline Cleaner Wastewater Holding Tank
Raw Material/Fuel: Alkaline Cleaner Wastewater
Rated Capacity: 12,000 gallons

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.

There are no applicable emission limits for this emission unit at this time.

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

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. A Safety Data Sheet (SDS) for any material stored in the tank.
B. Determine the annual throughput of material on a rolling-12-month basis for each month of operation.

Authority for Requirement: DNR Construction Permit 01-A-1308

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 14
Stack Opening, (inches, dia.): 144 (open top tank)
Exhaust Flow Rate (scfm): Displacement
Exhaust Temperature (^{o}F): 70
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 01-A-1308

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 125

Associated Equipment

Associated Emission Unit ID Number: EU 125

Emission Unit vented through this Emission Point: EU 125
Emission Unit Description: Wastewater Treatment System
Raw Material/Fuel: Paint Wash Water
Rated Capacity: Unknown

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.

There are no applicable emission limits for this emission unit at this time.

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"

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: EP 133

Associated Equipment

Associated Emission Unit ID Number: EU 133

Emission Unit vented through this Emission Point: EU 133
Emission Unit Description: E-Coat Washer
Raw Material/Fuel: Coating/Solvent
Rated Capacity: Unknown

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: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/scf
Authority for Requirement: 567 IAC 23.3(2)"a"

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"

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: EP 137

Associated Equipment

Associated Emission Unit ID Number: EU 137

Emission Unit vented through this Emission Point: EU 137
Emission Unit Description: Paint Mix Room
Raw Material/Fuel: Paint
Rated Capacity: Unknown

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.

There are no applicable emission limits for this emission unit at this time.

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"

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: EP 137B

Associated Equipment

Associated Emission Unit ID Number: EU 137B

Emission Unit vented through this Emission Point: EU 137B
Emission Unit Description: Family Line Paint Kitchen
Raw Material/Fuel: Paint
Rated Capacity: Unknown

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.

There are no applicable emission limits for this emission unit at this time.

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 45
Stack Opening, (inches, dia.): 7 x 7
Exhaust Flow Rate (scfm): 1,000
Exhaust Temperature (^{o}F): Ambient
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 03-A-166

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 Numbers: EP 146

Associated Equipment

Associated Emission Unit ID Number: EU 146

Emission Unit vented through this Emission Point: EU 146
Emission Unit Description: Prep Area
Raw Material/Fuel: Coating
Rated Capacity: 0.5 gal/day

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: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: DNR Construction Permit 03-A-167
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit 03-A-167
567 IAC 23.4(13)

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

Operating Limits

Process throughput:

1. This prep area shall use a maximum of 0.5 gallons of coating per day.
2. The solids content of any coating used in this prep area shall not exceed 5.7 lb/gallon.
3. The VOC content of any coating used in this prep area shall not exceed 8.0 lb/gallon.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

1. Record the amount of coating used in this prep area in gallons per day.
2. Maintain SDS sheets of all coatings used in this prep area showing the VOC and solids content.

Authority for Requirement: DNR Construction Permit 03-A-167

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 567 IAC 22.108(3)
40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 31
Stack Opening, (inches, dia.): 30
Exhaust Flow Rate (scfm): 5,000
Exhaust Temperature (^{o}F): Ambient
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 03-A-167

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 150

Associated Equipment

Associated Emission Unit ID Number: EU 150

Emission Unit vented through this Emission Point: EU 150
Emission Unit Description: Powder Coat Water Wash Boiler
Raw Material/Fuel: Natural Gas
Rated Capacity: 2.7 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.

Pollutant: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: DNR Construction Permit 11-A-353
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 0.02 lb/hr
Authority for Requirement: DNR Construction Permit 11-A-353

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf; 0.02 lb/hr
Authority for Requirement: DNR Construction Permit 11-A-353
567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3) "e"

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

Operating Limits

A. The powder coat line will be limited to 5,840 hours of operation per rolling 12 month period.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Retain Safety Data Sheets (SDS) for all Wash chemicals used in this washer at the facility (Plant Number 29-01-006).

Authority for Requirement: DNR Construction Permit 11-A-353

NSPS and NESHAP Applicability

This unit is subject to 40 CFR 63 Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for *Industrial, Commercial, and Institutional Boilers and Process Heaters* and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15)..

Authority for Requirement: 567 IAC 22.108(3)
40 CFR 63 Subpart DDDDD

NESHAP Reporting Requirements

Reporting Frequency	
Emission Unit	**Compliance Report Frequency**
EU4	Annually
EU150	Every 5 years

The permittee shall maintain copies of each notification and report submitted to comply with 40 CFR 63, subpart DDDDD, including all documentation supporting any Initial Notification or Notification of Compliance Status or annual, 2-, or 5-year compliance report submitted, according to the requirements in § 63.10(b)(2)(xiv).

Authority for Requirement: 40 CFR § 63.7555(a)

The permittee shall submit annual, biennial and/or 5-year compliance reports as set forth in the preceding table. Each annual, biennial, and 5-year compliance reports, as applicable, must be postmarked or submitted no later than March 31. Multiple boilers and/or process heaters may be addressed in the same report.

Each compliance report shall contain the following information:

A. Company and Facility name and address.

B. Process unit information (a description of the affected boiler or process heater, including identification of the fuels burned, the design heat input capacity of the unit, and the unit's fuel subcategory).

C. Date of report and beginning and ending dates of the reporting period for the affected boiler or process heater.

D. Include the date of the most recent tune-up for the affected boiler or process heater subject to only the requirement to conduct an annual, biennial, or 5-year tune-up according to § 63.7540(a)(10), (11), or (12) respectively. Include the date of the most recent burner inspection if it was not done annually, biennially, or on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.

E. If there are no deviations from the requirements for work practice standards in Table 3 to subpart DDDDD that apply, a statement that there were no deviations from the work practice standards (a missed boiler or process heater tune-up) during the reporting period.

The permittee shall submit all reports electronically using Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through the US EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the permittee shall submit the report to the US EPA at the appropriate address listed in § 63.13. At the discretion of the US EPA, the permittee shall also submit these reports, to the US EPA in the format specified by the US EPA.

Authority for Requirement: 40 CFR § 63.7550 and Table 9 of subpart DDDDD

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 42.16
Stack Opening, (inches, dia.): 12
Exhaust Flow Rate (scfm): 390
Exhaust Temperature (^{o}F): 140
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 11-A-353

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 151

Associated Equipment

Associated Emission Unit ID Number: EU 151

Emission Unit vented through this Emission Point: EU 151
Emission Unit Description: Powder Coat Water Wash
Raw Material/Fuel: Water and Wash System Chemicals
Rated Capacity: Unknown

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: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: DNR Construction Permit 11-A-354
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

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

Operating Limits

A. The powder coat line will be limited to 5,840 hours of operation per rolling 12 month period.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Retain Safety Data Sheets (SDS) for all Wash chemicals used in this washer at the facility (Plant Number 29-01-006).

Authority for Requirement: DNR Construction Permit 11-A-354

NSPS and NESHAP Applicability

The powder coat line is subject to 40 CFR 63 Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: DNR Construction Permit 11-A-354
40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 42.16
Stack Opening, (inches, dia.): 12.16
Exhaust Flow Rate (scfm): 4,681
Exhaust Temperature (^{o}F): 140
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 11-A-354

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 152

Associated Equipment

Associated Emission Unit ID Number: EU 152

Emission Unit vented through this Emission Point: EU 152
Emission Unit Description: Powder Coat Wash Dry-Off Oven
Raw Material/Fuel: Natural Gas
Rated Capacity: 1.6 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.

Pollutant: Opacity
Emission Limit(s): 40 % [(1)]
Authority for Requirement: DNR Construction Permit 11-A-355
567 IAC 23.3(2)"d"

[(1)] An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3) "e"

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

Operating Limits

A. The powder coat line will be limited to 5,840 hours of operation per rolling 12 month period.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Retain Safety Data Sheets (SDS) for all Wash chemicals used in this washer at the facility (Plant Number 29-01-006).

Authority for Requirement: DNR Construction Permit 11-A-355

NSPS and NESHAP Applicability

The powder coat line is subject to 40 CFR 63 Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: DNR Construction Permit 11-A-355
40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 42.16
Stack Opening, (inches, dia.): 12.16
Exhaust Flow Rate (scfm): 4,681
Exhaust Temperature (^{o}F): 140
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 11-A-355

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 153 (Internally Vented)

Associated Equipment

Associated Emission Unit ID Number: EU 153
Emissions Control Equipment ID Number: CE153
Emissions Control Equipment Description: Particulate Filters

Emission Unit vented through this Emission Point: EU 153
Emission Unit Description: Powder Coat Spray Booths (3 Automatic and 1 Manual Booth)
Raw Material/Fuel: Coating
Rated Capacity: 740 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.

Pollutant: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: DNR Construction Permit 11-A-356
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 1.0 lb/hr
Authority for Requirement: DNR Construction Permit 11-A-356

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/scf; 1.0 lb/hr
Authority for Requirement: DNR Construction Permit 11-A-356
567 IAC 23.4(13)

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

Operating Limits

A. The powder coat line will be limited to 5,840 hours of operation per rolling 12 month period.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Retain Safety Data Sheets (SDS) for all Wash chemicals used in this washer at the facility (Plant Number 29-01-006).
B. Maintain a log of the monthly number of hours for the operation of the powder coat line. At the end of each month, calculate and maintain a rolling total of the powder coat line operating hours over the last 12 months.

Authority for Requirement: DNR Construction Permit 11-A-356

NSPS and NESHAP Applicability

This emission unit is subject to 40 CFR 63 Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: DNR Construction Permit 11-A-356
40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

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** ☒

Paint Booth Agency Approved Operation & Maintenance Plan

Weekly
A. Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
B. Maintain a written record of the observation and any action resulting from the inspection.

Recordkeeping and Reporting
A. Maintenance and inspection records will be kept for five years and available upon request.

Quality Control
A. The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP 154

Associated Equipment

Associated Emission Unit ID Number: EU 154

Emission Unit vented through this Emission Point: EU 154
Emission Unit Description: Powder Coat Cure Oven
Raw Material/Fuel: Natural Gas
Rated Capacity: 2.9 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.

Pollutant: Opacity
Emission Limit(s): 40 % [(1)]
Authority for Requirement: DNR Construction Permit 11-A-357
567 IAC 23.3(2)"d"

[(1)] An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit 11-A-357
567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

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

Operating Limits

A. The powder coat line will be limited to 5,840 hours of operation per rolling 12 month period.

Reporting & 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 DNR. Records shall be legible and maintained in an orderly manner.

A. Retain Safety Data Sheets (SDS) for all Wash chemicals used in this washer at the facility (Plant Number 29-01-006).

Authority for Requirement: DNR Construction Permit 11-A-357

NSPS and NESHAP Applicability

The powder coat line is subject to 40 CFR 63 Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: DNR Construction Permit 11-A-357
40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 42.16
Stack Opening, (inches, dia.): 12.4
Exhaust Flow Rate (scfm): 685
Exhaust Temperature (^{o}F): 450
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 11-A-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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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: EP 155a & EP 155b

Associated Equipment

Associated Emission Unit ID Number: EU 155a & EU 155b
Emissions Control Equipment ID Number: CE-155a & CE-155b
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: EU 155a & EU 155b
Emission Unit Description: Dozer Paint Spray Booth and Dozer Paint Spray Booth AMU
Raw Material/Fuel: Paint, Natural Gas
Rated Capacity: Spray Gun Rated Capacity: 16 gal/hr
Dozer Paint Spray Booth AMU Rated Capacity: 1.458 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.

Pollutant: Opacity
Emission Limit(s): 40 % (1)
Authority for Requirement: 567 IAC 23.3(2)"d"
DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

(1) An exceedance of the indicator opacity of "no visible emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter ($PM_{2.5}$)
Emission Limit(s): 0.55 lb/hr
Authority for Requirement: DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 0.55 lb/hr
Authority for Requirement: DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: 567 IAC 23.4(13)
DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"
DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

Pollutant: Total Hazardous Air Pollutants (HAPs)
Emission Limit(s): 2.6 lb organic HAP/gal coating solids [2]
Authority for Requirement: 567 IAC 23.1(4)"cm" [3]
DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

[2] In accordance with Subpart MMMM, §63.3890(b)(1), HAP emissions must not exceed 2.6 lb organic HAP/gal coating solids for general use coatings. The standard is determined as a rolling 12-month emission rate according to the requirements of §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option or §63.3950, § 63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

[3] IAC reference to NESHAP Subpart MMMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products). See also 40 CFR §63.3880 – 40 CFR §63.3981.

Operational Limits & Requirements

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4)"cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart MMMM.

Operating Limits

Operating limits for this emission unit shall be:

A. The VOC content of any spray coating material used in this paint booth shall not exceed 4.0 pounds per gallon.

B. The amount of spray coating material used in this paint booth shall not exceed 13,600 gallons in any rolling 12- month period.

C. The VOC content of any solvent used in this paint booth shall not exceed 7.1 pounds per gallon.

D. The amount of solvent used in this paint booth shall not exceed 750 gallons in any rolling 12- month period.

E. The owner or operator shall operate and maintain the dry filters in accordance with the manufacturer’s specifications.

F. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart MMMM, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.

G. The owner or operator must follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).

Reporting & 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. These records shall show the following:

A. The owner or operator shall maintain manufacturer and vendor provided information (Safety Data Sheets (SDS), technical data sheets, etc.) for all materials used in this paint booth.

B. The owner or operator shall maintain a log listing each material used in this paint booth along with the respective VOC content, in pounds per gallon.

C. The owner or operator shall maintain the following monthly records:

1. The amount of each spray coating material used in this paint booth, in gallons;
2. The total amount of spray coating material used in this paint booth, in gallons;
3. The rolling 12-month total of the amount of spray coating material used in this paint booth, in gallons;
4. The amount of each solvent used in this paint booth, in gallons;
5. The amount of solvent used in this paint booth, in gallons;
6. The rolling 12-month total of the amount of solvent used in this paint booth, in gallons;

D. The owner or operator shall maintain records on the inspection, maintenance, and replacement of the dry filters.

E. The owner or operator shall submit the necessary notifications in accordance with §63.3910.

F. The owner or operator shall submit the necessary reports in accordance with §63.3920.

G. The owner or operator shall maintain the necessary records in accordance with § 63.3930 and § 63.3931.

Authority for Requirement: DNR Construction Permits 15-A-355-S1 and 15-A-356-S1

NESHAP Reporting Requirements

General Requirements for Semiannual Reports:

The permittee must submit the following information semiannually (by March 31 and September 30). Multiple surface coating operations may be addressed in the same report:

A. Identification of the compliance option(s) for each coating operation during the reporting period.

B. If the permittee switched between the compliance options (compliance material or emission rate without add-on controls), the beginning and ending dates for each option used.

C. If there were no deviations from any emission limitations during the reporting period, the permittee must include a statement noting that in the semiannual report.

Authority for Requirement: 40 CFR 63.3920

When the permittee uses the compliant material option: The permittee must submit the compliance report containing the following information semiannually:

If there was no deviation from the applicable limit:

A. Then the permittee shall submit a statement that the coating operation(s) were in compliance with the emission limitations during the reporting period because no coatings, thinners and/or other additives, or cleaning materials were used for which the organic HAP content exceeded the applicable emission limit.

Authority for Requirement: 40 CFR 63.3942(c)

If a deviation occurred during the reporting period, the permittee shall include the following with the semiannual report:

A. A description and statement of the cause of each deviation.

B. The identification of each coating used that deviated from the emission limit, each thinner and/or additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.

C. The calculation of the organic HAP content for each coating.

D. The mass fraction of organic HAP for each thinner and/or other additive, and cleaning material.

Authority for Requirement: 40 CFR 63.3920(a)(5) and 63.3910(c)(6)

In addition, when the permittee uses the emission rate without add-on controls option, then the permittee must submit the following compliance report containing the following information semiannually:

A. If there was no deviation from the applicable limit, then the permittee shall submit a statement that the coating operation(s) were in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the emission limit, along with the calculation results for each rolling 12-month organic HAP emission rate during the 6 month reporting period.

Authority for Requirement: 40 CFR 63.3952(c) and 63.3920(a)(3)(v)

If a deviation occurred during the reporting period, the permittee shall include the following with the semiannual report:

A. A description and statement of the cause of each deviation.

B. The beginning and ending dates of each compliance period during which the 12 month organic HAP emission rate exceeded the emission limit.

C. The calculations used to determine the 12 month organic HAP emission rate for the compliance period in which the deviation occurred.

D. The calculation used to determine mass of organic HAP in waste materials. The permittee does not need to submit background data such as MSDS (SDS) reports, supporting these calculations.

Authority for Requirement: 40 CFR 63.3920(a)(6)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	Stack Height, (ft, from the ground)	Stack Opening (inches, dia.)	Exhaust Flow Rate (scfm)	Stack Temperature (ºF)	Discharge Type	Construction Permit #
EP 155a	32.6	30	7,500	70	Vertical Unobstructed	15-A-355-S1
EP 155b	32.6	30	7,500	70	Vertical Unobstructed	15-A-356-S1

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** ☒

Paint Booth Agency Approved Operation & Maintenance Plan

Weekly

A. Inspect the paint booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
B. Maintain a written record of the observation and any action resulting from the inspection.

Recordkeeping and Reporting

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

Quality Control

A. The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP 156

Associated Equipment

Associated Emission Unit ID Number: EU 156

Emission Unit vented through this Emission Point: EU 156
Emission Unit Description: Dozer Cure Oven #1
Raw Material/Fuel: Natural Gas
Rated Capacity: 1.5 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.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – Surface Coating of Miscellaneous Metal Parts and Products (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - General Provisions (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"
567 IAC 22.108(3)

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: EP 157

Associated Equipment

Associated Emission Unit ID Number: EU 157

Emission Unit vented through this Emission Point: EU 157
Emission Unit Description: Dozer Cure Oven #2
Raw Material/Fuel: Natural Gas
Rated Capacity: 1.5 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.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – Surface Coating of Miscellaneous Metal Parts and Products (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - General Provisions (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"
567 IAC 22.108(3)

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: EP 161

Associated Equipment

Associated Emission Unit ID Number: EU 161

Emission Unit vented through this Emission Point: EU 161
Emission Unit Description: Dozer Paint Kitchen
Raw Material/Fuel: Paint and Solvents
Rated Capacity: Unknown

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: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: 567 IAC 23.4(13)

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"
567 IAC 22.108(3)

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: EP 162

Associated Equipment

Associated Emission Unit ID Number: EU 162

Emission Unit vented through this Emission Point: EU 162
Emission Unit Description: Dozer Wash Booth
Raw Material/Fuel: Cleaner
Rated Capacity: 600 gal/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.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

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

NSPS and NESHAP Applicability

This emission unit is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart MMMM – *Surface Coating of Miscellaneous Metal Parts and Products* (40 CFR §63.3880 through 40 CFR §63.3981) and to NESHAP Subpart A - *General Provisions* (40 CFR §63.1 through 40 CFR §63.15).

Authority for Requirement: 40 CFR Part 63 Subpart MMMM
567 IAC 23.1(4)"cm"
567 IAC 22.108(3)

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 Numbers: EP 166 & EP 167

Associated Equipment

Associated Emission Unit ID Numbers: EU 166 & EU 167

Table: Test Engines

Emission Point Number	Emission Unit Number	Emission Unit Description	Raw Material	Rated Capacity: kW/hr (bhp/hr)	DNR Construction Permits
EP 166	EU 166	Test Engine #1	Diesel Fuel	82 (110)	N/A
EP 167	EU 167	Test Engine #2	Diesel Fuel	82 (110)	N/A

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from these emission points shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 2.5 lb/MMBtu
Authority for Requirement: 567 IAC 23.3(3)"b"(2)

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

NESHAP:
The non-emergency engines are subject to 40 CFR 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)(ii) these non-emergency engines, located at a major source, are new stationary RICE, because they were constructed on or after June 12, 2006.

According to 40 CFR 63.6590(c)(7), a new compression ignition (CI) stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions must meet the requirements of Part 63 by meeting the requirements of 40 CFR part 60 subpart IIII. No further requirements apply for these engines under Part 63.

Authority for Requirement: 40 CFR part 60 subpart IIII
40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

NSPS Subpart IIII Requirements

For 2007 and later model year non-emergency CI engines with Disp. < 30 l/cyl constructed after 7/11/2005 and manufactured after 4/1/2006:

Emission Standards (for engines with displacement (L/cyl) < 10):
According to 40 CFR 60.4204(b) and 4201, the engine must be certified by the manufacturer to comply with the following emission standards in grams/kW-hr (grams/HP-hr):

Maximum Engine Power	Model Year(s)	NOx	NMHC	NMHC + NOx	CO	PM	Opacity	Rule Ref
75≤ kW<130 (100≤HP<175)	2007-2011	-	-	4.0 (3.0)	5.0 (3.7)	0.30 (0.22)	(1)	(2)
	2012+	0.40 (0.30)	0.19 (0.14)	-		0.02 (0.015)		(3),(4)

(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) 40 CFR 1039.102. Refer to this section for optional and alternate emission standards.
(4) 40 CFR 1039.101. Refer to this section for optional and alternate emission standards.

- The engine must use a fuel that meets the following: 1) a maximum sulfur content of 15 ppm and 2) either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume.
- The engine must be installed and configured according to the manufacturer's specifications.
- The engine must be operated and maintained according to manufacturer's written procedures for the life of the engine to maintain compliance with the emission standards.

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: EP 168

Associated Equipment

Associated Emission Unit ID Number: EU 168

Emission Unit vented through this Emission Point: EU 168
Emission Unit Description: 100 kW Kohler Emergency Generator
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 158 bhp/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.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(3)"e"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.22 g/HP-hr
Authority for Requirement: 40 CFR Part 60, Subpart IIII

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 2.5 lb/MMBtu (Replicated maximum three-hour average)
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Nitrogen Oxides (NOx) + Non-Methane Hydrocarbons (NMHC)
Emission Limit(s): 3.0 g/HP-hr
Authority for Requirement: 40 CFR Part 60, Subpart IIII

Pollutant: Carbon Monoxide (CO)
Emission Limit(s): 3.7 g/HP-hr
Authority for Requirement: 40 CFR Part 60, Subpart IIII

Operational Limits & Requirements

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

Operational Limits:

A. Engine must use a fuel that meets the following:
    a. A maximum sulfur content of 15 ppm and
    b. Either a minimum cetane index of 40 or a maximum aromatic content of 35% by volume.
B. The engine must be installed and configured according to the manufacturer's specifications.
C. Owners and operators must operate and maintain the CI engine according to manufacturer's written procedures for the life of the engines to maintain compliance with the emission standards.

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: EP 171

Associated Equipment

Associated Emission Unit ID Number: EU 171

Emission Unit vented through this Emission Point: EU 171
Emission Unit Description: Hand-Held Powder Coat Touch-Up
Raw Material/Fuel: Powder Paint
Rated Capacity: 1.9 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.

Pollutant: Opacity
Emission Limit(s): 40 %
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: 567 IAC 23.4(13)

Pollutant: Hazardous Air Pollutants (HAPs)
Emission Limit(s): 2.6 lb HAP/gal solids
Authority for Requirement: 40 CFR Part 63, Subpart MMMM

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

Operational Limits:

A. 1,550 lb/yr of powder coat throughput

Reporting & Recordkeeping:

A. 12-month rolling records of amount of powder coating used in the powder coat touch-up operations.
B. All records documenting compliance will be retained for at least five (5) years.

Authority for Requirement: 567 IAC 22.1(2)"w"

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)

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.

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 <u>except</u> 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) 725-9526

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:

Field Office 1
909 West Main – Suite 4
Manchester, IA 52057
(563) 927-2640

Field Office 2
2300-15th St., SW
Mason City, IA 50401
(641) 424-4073

Field Office 3
1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4
1401 Sunnyside Lane
Atlantic, IA 50022
(712) 243-1934

Field Office 5
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-0268

Field Office 6
1023 West Madison Street
Washington, IA 52353-1623
(319) 653-2135

Polk County Public Works Dept.
Air Quality Division
5885 NE 14th St.
Des Moines, IA 50313
(515) 286-3351

Linn County Public Health
Air Quality Branch
1020 6th Street SE
Cedar Rapids, IA 52401
(319) 892-6000

V. Appendix

Appendix A

A. 40 CFR Part 60 Subpart A - *General Provisions* for New Source Performance Standards.
http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.a

B. 40 CFR Part 60 Subpart Dc – New Source Performance Standards for *Small Industrial Commercial Institutional Steam Generating Units.*
http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.d_0c

C. 40 CFR 60, Subpart IIII - *Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.*
https://www.ecfr.gov/cgi-bin/text-idx?node=sp40.7.60.iiii

D. 40 CFR 63 Subpart A – *General Provisions* for National Emission Standards for Hazardous Air Pollutants.
http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.10.63.a

E. 40 CFR 63 Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for *Surface Coating of Miscellaneous Metal Parts and Products*.
http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.13.63.mmmm

F. 40 CFR Part 63 Subpart DDDDD - *National Emission Standard for Hazardous Air Pollutants Industrial, Commercial, and Institutional Boilers and Process Heaters.*
http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.14.63.ddddd

G. 40 CFR 63 Subpart ZZZZ - *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).*
https://www.ecfr.gov/cgi-bin/text-idx?c=ecfr;rgn=div6;view=text;node=40%3A14.0.1.1.1.1;idno=40;sid=e94dcfde4a04b27290c445a56e635e58;cc=ecfr