

Iowa Department of Natural Resources

Title V Operating Permit Fact Sheet

This document has been prepared to fulfill the public participation requirements of 40 CFR Part 70 and 567 Iowa Administrative Code (IAC) 22.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

The Iowa Department of Natural Resources (DNR) finds that:

1. JBS USA, LLC, located at 402 N 10th Ave, Marshalltown, IA 50158 has applied for a Title V Operating Permit. The designated responsible official of this facility is Mr. Joseph Mach.
2. JBS USA, LLC is a meat packing plant (SIC 2011). This facility consists of 8 emission units with potential emissions of:

Pollutant	Abbreviation	Potential Emissions (Tons per Year)
Particulate Matter ($\leq 2.5 \mu\text{m}$)	PM _{2.5}	9.60
Particulate Matter ($\leq 10 \mu\text{m}$)	PM ₁₀	22.08
Particulate Matter	PM	27.94
Sulfur Dioxide	SO ₂	106.62
Nitrogen Oxides	NO _x	124.04
Volatile Organic Compounds	VOC	12.06
Carbon Monoxide	CO	72.39
Lead	Lead	0
Hazardous Air Pollutants ⁽¹⁾	HAP	1.68

⁽¹⁾ May include the following: Formaldehyde, Hydrogen Sulfide, Benzene, Toluene, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium, and Zinc.

3. Two Title V Permits exist for JBS USA, LLC. One permit is for Industrial Energy Applications (IEA), Inc. – JBS USA and the second permit is for JBS USA, LLC. These two permits constitute one stationary source. This is the permit for JBS USA, LLC.
4. JBS USA, LLC submitted a Title V Operating Permit application on 7/10/2024. Based on the information provided in these documents, DNR has made an initial determination that the facility meets all the applicable criteria for the issuance of an operating permit specified in 567 IAC 24.107.
5. The DNR has complied with the procedures set forth in 567 IAC 24.107, including those regarding public notice, opportunity for public hearing, and notification of EPA and surrounding state and local air pollution programs.

DNR procedures for reaching a final decision on the draft permit:

1. The public comment period for the draft permit will run from February 20, 2025 through March 22, 2025. The beginning date of this public comment period also serves as the beginning of the U.S. Environmental Protection Agency's (EPA) 45-day review period, provided the EPA does not seek a separate review period. During this time, anyone may submit written comments on the permit. Mail signed comments to Zane Peters at the DNR address shown below.
2. Written requests for a public hearing concerning the permit may also be submitted during the comment period. Any hearing request must state the person's interest in the subject matter, and the nature of the issues proposed to be raised at the hearing. DNR will hold a public hearing upon finding, on the basis of requests, a significant degree of relevant public interest in a draft permit. Mail hearing requests to Zane Peters at the DNR address shown below.
3. DNR will keep a record of the issues raised during the public participation process, and will prepare written responses to all comments received. The comments and responses will be compiled into a responsiveness summary document. After the close of the public comment period, DNR will make a final decision on the permit application. The responsiveness summary and the final permit will be available to the public upon request.

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DNR concludes that:

1. DNR has authority under 455B.133 Code of Iowa to promulgate rules contained in 567 IAC Chapters 21-33, including, but not limited to, rules containing emission limits, providing for compliance schedules, compliance determination methods and issuance of permits.
2. DNR has the authority to issue operating permits for air contaminant sources and to include conditions in such permits under 455B.134 Code of Iowa.
3. The emission limits included in this permit are authorized by 455B.133 Code of Iowa and 567 IAC Chapters 21-33.
4. DNR is required to comply with 567 IAC Chapter 24 in conjunction with issuing a Title V Operating Permit.
5. The issuance of this permit does not preclude the DNR from pursuing enforcement action for any violation.

Title V Permit Notes

Applicant:	JBS USA, LLC
SIC Code:	Primary: 2011 (Meat Packing Plants) Secondary: 2077 (Animal and Marine Fats and Oils)
City:	Marshalltown
County:	Marshall
EIQ#:	92-3662
Facility#:	64-01-015
Permit #:	15-TV-004R2
Reviewer:	Zane Peters
Date:	1/24/25

Facility Identification

Facility Name:	JBS USA, LLC
Facility Location:	402 N 10 th Ave, Marshalltown, IA 50158
Responsible Official:	Mr. Joseph Mach

Background

JBS USA, LLC is a meat packing plant (SIC 2011) with a secondary process of animal and marine fats and oils (SIC 2077). This permit is the second renewal of the Title V Permit under 567 IAC 24.101 (1). JBS USA, LLC consists of 8 significant emission units and 5 insignificant emission units.

Two Title V Permits exist for JBS USA, LLC: Industrial Energy Applications, Inc. – JBS USA (92-6761) and JBS USA, LLC (92-3662). These two permits constitute one stationary source.

Regulatory Status

Table 1: Title V Major Source by pollutant

Pollutant	Major for Title V?
PM ₁₀	<input type="checkbox"/>
SO ₂	<input checked="" type="checkbox"/>
NO _x	<input checked="" type="checkbox"/>
VOC	<input type="checkbox"/>
CO	<input type="checkbox"/>
Lead	<input type="checkbox"/>
Individual HAP	<input type="checkbox"/>
Total HAPs ¹	<input type="checkbox"/>

¹May include the following: Formaldehyde, Hydrogen Sulfide, Benzene, Toluene, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium, and Zinc.

- Program Applicability:
 - ✓ 40 CFR Part 60 NSPS: YES. This facility is subject to NSPS Subpart A, Subpart Dc.
 - ✓ 40 CFR Part 63 NESHAP: YES. This facility is subject to NESHAP Subpart A, Subpart JJJJJ

Changes Since the Last Issuance

General Changes

- Relevant permit numbers and dates updated
- Responsible Official, Permit Contact, and Supervisor of Air Operating Permits Section update (pp. 1)
- Plant-Wide Conditions Section updated to include Executive Order 10 language (pp. 5)
- Rule references throughout the permit to IAC Chapter 22 has been updated to Chapter 24 per EO10
- General Conditions updated (pp. 39-52)
- Appendix C, EO10 Rules Crosswalk added (pp. 55)

Periodic Monitoring

All periodic monitoring requirements are in accordance with the Department’s Periodic Monitoring Guidance Document.

EP 6 is a Blood Dryer with a Wet Venturi (CE-7), a Packed Bed Scrubber (CE-8), and a Packed Bed Scrubber (CE-9) to control emissions. Due to the nature of this emission point, the previous Facility O&M Plan requirements will be upheld.

EP-8 is a Rendering Cooker with a Wet Venturi (CE-10) and a Packed Bed Scrubber (CE-11) to control emissions. Due to the nature of this emission point, the previous Facility O&M Plan requirements will be upheld.

Stack Testing

Emission Point	Emission Unit	Iowa DNR Construction Permit Number	Pollutant	O&M	# of Stack Tests	Authority
EP-11	EU-11	14-A-287	Opacity*	None	1	Construction Permit

*Stack testing is only required if the unit combusts fuel oil. No test is required if the unit burns only natural gas.

=====END OF NOTES=====