

# **Iowa Department of Natural Resources**

## **Draft 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) 24.107(6). 40 CFR Part 70 contains operating permit regulations pursuant to Title V of the Clean Air Act.

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

1. Precision Tank, LLC, located at 2280 16<sup>th</sup> Avenue North, Humboldt, Iowa 50548 has applied to renew their Title V Operating Permit. The designated responsible official of this facility is Genna Brockhouse.
2. Precision Tank, LLC is a stainless steel and fiberglass tank manufacturer for the agriculture industry. This facility consists of 4 significant emission points, 7 significant emission units, and 6 insignificant emission units with potential emissions of:

<b>Pollutant</b>	<b>Abbreviation</b>	<b>Potential Emissions (Tons per Year)</b>
Particulate Matter ( $\leq 2.5 \mu\text{m}$ )	PM <sub>2.5</sub>	9.91
Particulate Matter ( $\leq 10 \mu\text{m}$ )	PM <sub>10</sub>	9.91
Particulate Matter	PM	9.91
Sulfur Dioxide	SO <sub>2</sub>	0
Nitrogen Oxides	NO <sub>x</sub>	0
Volatile Organic Compounds	VOC	128.78
Carbon Monoxide	CO	0
Lead	Lead	0
Hazardous Air Pollutants <sup>(1)</sup>	HAP	99.42

<sup>(1)</sup> May include the following: Styrene, Dimethyl Phthalate, Cumene, Acetophenone, Methyl Methacrylate, Methanol, Manganese, Cobalt, Nickel, Chromium.

3. Precision Tank, LLC submitted a Title V Operating Permit renewal application on May 1, 2025. 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.
4. 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.

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

1. The public comment period for the draft permit will run from August 7, 2025 through September 6, 2025. During the public comment period, anyone may submit written comments on the permit. Mail signed comments to Jason Dowie at the DNR address shown below. 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.
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 Jason Dowie 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 renewal 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 20-35, 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 20-35.
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.

## **DRAFT Title V Permit Notes – Renewal 2**

Applicant:	<b>Precision Tank, LLC</b>
SIC Code:	3089 (Plastics Products, Not Produced Elsewhere)
City:	Humboldt
County:	Humboldt
EIQ#:	92-6980
Facility#:	46-01-034
Permit #:	15-TV-011-R2
Reviewer:	Jason Dowie
Date:	July 16, 2025

### **Facility Identification**

Facility Name:	Precision Tank, LLC
Facility Location:	2280 16 <sup>th</sup> Avenue North, Humboldt, Iowa 50548
Responsible Official:	Genna Brockhouse
Phone:	217-452-7228

### **Background:**

The facility has applied for a renewal to their Title V Operating Permit under 567 IAC 24.105(1). The facility consists of 4 significant emission points, 7 emission units, and 6 insignificant emission units.

### **Regulatory Status:**

Table 1: Title V Major Source by pollutant

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

<sup>1</sup> May include the following: Styrene, Methyl Methacrylate, Methanol, Dimethyl Phthalate, Cumene, Acetophenone, Manganese, Cobalt, Nickel, Chromium

- Program Applicability:
  - NESHAP: 40 CFR Part 63 Subpart WWWW

**Construction Permits:**

A description of emission units included in this Title V Operating Permit and their construction permits are listed in Table 2.

Table 2. List of construction permits for each unit.

<b>Emission Point Number</b>	<b>Emission Unit Number</b>	<b>Emission Unit Description</b>	<b>DNR Construction Permit Number</b>
EP-01	EU-01	Filament Winding Tank Fabrication	13-A-317-S3
	EU-03	Final Tank Assembly	
EP-02	EU-02	Tank End Cap Lay-Up	13-A-318-S3
EP-03	EU-04a	Resin Tank – 6,000 gallons	13-A-319
	EU-04b	Resin Tank – 6,000 gallons	
	EU-04c	Resin Tank – 6,000 gallons	
EP-05	EU-05	GMAW Welders – Maximum of 6	15-A-192-S1

**Insignificant Activities:**

The insignificant emission units are included in this Title V Operating Permit and also listed in Table 3.

Table 3. List of insignificant emission units

<b>Insignificant Emission Unit Number</b>	<b>Insignificant Emission Unit Description</b>
EU-6	Plasma Cutter
EU-7	Organic Degreaser
EU-8	Tank End Cap Finishing Room
EU-9	5.2 MMbtu/hr air make-up Unit
EU-10	Six 150,000 btu/hr radiant heaters
EU-11	Two 75,000 btu/hr radiant heaters

### **Changes Since Last Issuance**

- Permit number was changed to 15-TV-011-R2.
- Facility name was updated from Precision Tank and Equipment Company to Precision Tank, LLC.
- Permit expiration and effective dates were updated.
- Responsible Official was changed from Mike Zeitler to Genna Brockhouse and the RO mailing address was updated.
- Permit Contact Person for the facility was changed from Mike Zeitler to Doug Hepperle and the mailing address and phone number was updated.
- References to IAC Chapter 22 were updated to Chapter 24.
- The web links in Appendix A (Links to Standards) were updated.
- Appendix B: Executive Order 10 Code Change Crosswalk was added to the end of the permit.
- Emission Point and Emission Unit numbers were corrected to match the construction permits.
- References to the previous IAC Chapter 24 were updated to Chapter 21.
- Temperature and flowrate text (under Emission Point Characteristics) was updated to the most recent version.
- General Conditions were updated to the most recent version.
- Spelling, punctuation, and formatting errors were corrected.

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