



## State of New Jersey

PHILIP D. MURPHY  
Governor

TAHESHA L. WAY  
Lt. Governor

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

AIR, ENERGY AND MATERIALS SUSTAINABILITY  
Division of Air Quality and Radiation Protection  
Bureau of Stationary Sources  
401 E. State Street, 2nd floor, P.O. Box 420, Mail Code 401-02  
Trenton, NJ 08625-0420

SHAWN M. LATOURETTE  
Commissioner

### Air Pollution Control Operating Permit Renewal

**Permit Activity Number: BOP240001**

**Program Interest Number: 26188**

Mailing Address	Plant Location
TIM JOHNS VP MANUFACTURING FRAZIER INDUSTRIAL CO PO BOX F - 95 FAIRVIEW AVE Long Valley, NJ 07853	FRAZIER INDUSTRIAL CO Fairview Ave Long Valley Morris County

**Initial Operating Permit Approval Date:** May 8<sup>th</sup>, 2000

**Operating Permit Approval Date:** DRAFT

**Operating Permit Expiration Date:** May 7<sup>th</sup>, 2025 (operating under application shield)

#### **AUTHORITY AND APPLICABILITY**

The New Jersey Department of Environmental Protection (Department) approves and issues this Air Pollution Control Operating Permit under the authority of Chapter 106, P.L. 1967 (N.J.S.A. 26:2C-9.2). This permit is issued in accordance with the air pollution control permit provisions promulgated at Title V of the Federal Clean Air Act, 40 CFR 70, Air Pollution Control Act codified at N.J.S.A. 26:2C and New Jersey State regulations promulgated at N.J.A.C. 7:27-22.

The Department approves this operating permit based on the evaluation of the certified information provided in the permit application that all equipment and air pollution control devices regulated in this permit comply with all applicable State and Federal regulations. The facility shall be operated in accordance with the conditions of this permit. This operating permit supersedes any previous Air Pollution Control Operating Permits issued to this facility by the Department including any general operating permits, renewals, significant modifications, minor modifications, seven-day notice changes or administrative amendments to the permit.

Changes made through this permit activity are provided in the Reason for Application.

#### **PERMIT SHIELD**

This operating permit includes a permit shield, pursuant to the provisions of N.J.A.C. 7:27-22.17.

#### **COMPLIANCE SCHEDULES**

This operating permit does not include compliance schedules as part of the approved compliance plan.

#### **COMPLIANCE CERTIFICATIONS AND DEVIATION REPORTS**

The permittee shall submit to the Department and to United States Environmental Protection Agency (US EPA) periodic compliance certifications, in accordance with N.J.A.C. 7:27-22.19. **The annual compliance certification** is due to the Department and EPA within 60 days after the end of each calendar year during which this permit was in effect. **Semi-annual deviation reports** relating to compliance testing and monitoring are due to the Department within 30 days after the end of the semi-annual period. The schedule and additional details for these submittals are available in Subject Item - FC, of the Facility Specific Requirements of this permit.

### **ACCESSING PERMITS**

The facility's current approved operating permit and any previously issued permits (e.g. superseded, expired, or terminated) are available for download in PDF format at: <https://dep.nj.gov/boss>. After accessing the website, click on "Approved Operating Permits" listed under "Reports" and then type in the Program Interest (PI) Number as instructed on the screen. If needed, the RADIUS file for your permit, containing Facility Specific Requirements (Compliance Plan), Inventories and Compliance Schedules can be obtained by contacting the Helpline number given below. RADIUS software, instructions, and help are available at the Department's website at <https://dep.nj.gov/boss>.

### **HELPLINE**

The Operating Permit Helpline is available for any questions at (609) 633-8248 from 9:00 AM to 4:00 PM Monday to Friday.

### **RENEWING YOUR OPERATING PERMIT AND APPLICATION SHIELD**

The permittee is responsible for submitting a timely and administratively complete operating permit renewal application pursuant to N.J.A.C. 7:27-22.30. Only applications which are timely and administratively complete are eligible for an application shield. The details on the contents of the renewal application, submittal schedule, and application shield are available in Section B - General Provisions and Authorities of this permit.

### **COMPLIANCE ASSURANCE MONITORING**

Facilities that are subject to Compliance Assurance Monitoring (CAM), pursuant to 40 CFR 64, shall develop a CAM Plan for modified equipment as well as existing sources. The rule and guidance on how to prepare a CAM Plan can be found at EPA's website: <https://www.epa.gov/air-emissions-monitoring-knowledge-base/compliance-assurance-monitoring>. In addition, CAM Plans must be included as part of the permit renewal application. Facilities that do not submit a CAM Plan may have their permit applications denied, pursuant to N.J.A.C. 7:27-22.3.

### **ADMINISTRATIVE HEARING REQUEST**

If, in your judgment, the Department is imposing any unreasonable condition of approval, you may contest the Department's decision and request an adjudicatory hearing pursuant to N.J.S.A. 52:14B-1 et seq. and N.J.A.C. 7:27-22.32(a). All requests for an adjudicatory hearing must be received in writing by the Department within 20 calendar days of the date you receive this letter. The request must contain the information specified in N.J.A.C. 7:27-1.32 and the information on the [NJ04 - Administrative Hearing Request Checklist and Tracking Form](https://dep.nj.gov/wp-content/uploads/boss/applications-and-forms/administrative-hearing-request-checklist-and-tracking-form.pdf) available at <https://dep.nj.gov/wp-content/uploads/boss/applications-and-forms/administrative-hearing-request-checklist-and-tracking-form.pdf>.

If you have any questions regarding this permit approval, please call Maryum Hindi at (609) [940-5671].

Approved by:

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Christopher Schwalje

Enclosure

CC: Suilin Chan, United States Environmental Protection Agency, Region 2

**Facility Name: FRAZIER INDUSTRIAL CO**  
**Program Interest Number: 26188**  
**Permit Activity Number: BOP240001**

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## Section A

**Facility Name: FRAZIER INDUSTRIAL CO**  
**Program Interest Number: 26188**  
**Permit Activity Number: BOP240001**

### **POLLUTANT EMISSIONS SUMMARY**

Table 1: Total emissions from all Significant Source Operations<sup>1</sup> at the facility.

Facility's Potential Emissions from all Significant Source Operations (tons per year)										
Source Categories	VOC (total)	NO <sub>x</sub>	CO	SO <sub>2</sub>	TSP (total)	PM <sub>10</sub> (total)	PM <sub>2.5</sub> (total)	Pb	HAPs* (total)	CO <sub>2</sub> e <sup>2</sup>
Emission Units Summary	31.2	1.35	0.31	N/A	0.1	0.1	0.1	N/A	N/A	
Batch Process Summary	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Group Summary	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total Emissions	31.2	1.35	0.31	N/A	0.1	0.1	0.1	N/A	N/A	49.25

Table 2: Estimate of total emissions from all Insignificant Source Operations<sup>1</sup> and total emissions from Non-Source Fugitives at the facility.

Emissions from all Insignificant Source Operations and Non-Source Fugitive Emissions (tons per year)									
Source Categories	VOC (total)	NO <sub>x</sub>	CO	SO <sub>2</sub>	TSP (total)	PM <sub>10</sub> (total)	PM <sub>2.5</sub> (total)	Pb	HAPs (total)
Insignificant Source Operations	0.011	0.20	0.17	0.001	0.015	0.015	N/A	0.002	N/A
Non-Source Fugitive Emissions <sup>3</sup>	N/A	N/A	N/A	N/A	1.90	0.69	N/A	N/A	N/A

VOC: Volatile Organic Compounds

NO<sub>x</sub>: Nitrogen Oxides

CO: Carbon Monoxide

SO<sub>2</sub>: Sulfur Dioxide

N/A: Indicates the pollutant is not emitted or is emitted below the reporting threshold specified in N.J.A.C. 7:27-22, Appendix, Table A and N.J.A.C. 7:27-17.9(a).

TSP: Total Suspended Particulates

Other: Any other air contaminant

regulated under the Federal CAA

PM<sub>10</sub>: Particulates under 10 microns

PM<sub>2.5</sub>: Particulates under 2.5 microns

Pb: Lead

HAPs: Hazardous Air Pollutants

CO<sub>2</sub>e: Carbon Dioxide equivalent

\*Emissions of individual HAPs are provided in Table 3 on the next page.

Emissions of "Other" air contaminants are provided in Table 4 on the next page.

<sup>1</sup> Significant Source Operations and Insignificant Source Operations are defined at N.J.A.C. 7:27-22.1.

<sup>2</sup> Total CO<sub>2</sub>e emissions for the facility.

<sup>3</sup> Non-Source Fugitive Emissions are defined at N.J.A.C. 7:27-22.1 and are included if the facility falls into one or more categories listed at N.J.A.C. 7:27-22.2(a)2

## Section A

**Facility Name: FRAZIER INDUSTRIAL CO**

**Program Interest Number: 26188**

**Permit Activity Number: BOP240001**

### **POLLUTANT EMISSIONS SUMMARY**

Table 3: Summary of Hazardous Air Pollutants (HAP) Emissions from Significant Source Operations <sup>3</sup>:

HAP	TPY
N/A	

Table 4: Summary of “Other” air contaminants emissions from Significant Source Operations:

Other Air Contaminant	TPY
N/A	

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<sup>3</sup> Do not sum the values below for the purpose of establishing a total HAP potential to emit. See previous page for the allowable total HAP emissions.

## **Section B**

**Facility Name: FRAZIER INDUSTRIAL CO**

**Program Interest Number: 26188**

**Permit Activity Number: BOP240001**

### **GENERAL PROVISIONS AND AUTHORITIES**

1. No permittee shall allow any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in a quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or which would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant that occurs only in areas over which the permittee has exclusive use or occupancy. Requirements relative only to nuisance situations, including odors, are not considered federally enforceable. [N.J.A.C. 7:27-22.16(g)8]
2. Any deviation from operating permit requirements which results in a release of air contaminants shall be reported to the Department as follows:
  - a. If the air contaminants are released in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints, the permittee shall report the release to the Department:
    - i. Immediately on the Department hotline at 1-(877) 927-6337, pursuant to N.J.S.A. 26:2C-19(e); and
    - ii. As part of the compliance certification required in N.J.A.C. 7:27-22.19(f). However, if the deviation is identified through source emissions testing, it shall be reported through the source emissions testing and monitoring procedures at N.J.A.C. 7:27-22.18(e)3; or
  - b. If the air contaminants are released in a quantity or concentration which poses no potential threat to public health, welfare or the environment and which will not likely result in citizen complaints, the permittee shall report the release to the Department as part of the compliance certification required in N.J.A.C. 7:27-22.19(f), except for deviations identified by source emissions testing reports, which shall be reported through the procedures at N.J.A.C. 7:27-22.18(e)3; or
  - c. If the air contaminants are released in a quantity or concentration which poses no potential threat to public health, welfare, or the environment and which will not likely result in citizen complaints, and the permittee intends to assert an affirmative defense, consistent with General Provision #10 below, the violation shall be reported by 5:00 PM of the second full calendar day following the occurrence, or of becoming aware of the occurrence.
3. The permittee shall comply with all conditions of the operating permit including the approved compliance plan. Any non-compliance with a permit condition constitutes a violation of the New Jersey Air Pollution Control Act N.J.S.A. 26:2C-1 et seq., or the CAA, 42 U.S.C. §7401 et seq., or both, and is grounds for enforcement action; for termination, revocation and reissuance, or for modification of the operating permit; or for denial of an application for a renewal of the operating permit. [N.J.A.C. 7:27-22.16(g)1]
4. It shall not be a defense for the 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 its operating permit. [N.J.A.C. 7:27-22.16(g)2]
5. This operating permit may be modified, terminated, or revoked for cause by the EPA pursuant to 40 CFR 70.7(g) and revoked or reopened and modified for cause by the Department pursuant to N.J.A.C. 7:27-22.25. [N.J.A.C. 7:27-22.16(g)3]

6. The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this operating permit; or to determine compliance with the operating permit. [N.J.A.C. 7:27-22.16(g)4]
7. The filing of an application for a modification of an operating permit, or of a notice of planned changes or anticipated non-compliance, does not stay any operating permit condition. [N.J.A.C. 7:27-22.16(g)5]
8. The operating permit does not convey any property rights of any sort, or any exclusive privilege. [N.J.A.C. 7:27-22.16(g)6]
9. Upon request, the permittee shall furnish to the Department copies of records required by the operating permit to be kept. [N.J.A.C. 7:27-22.16(g)7]
10. The permittee may not assert an affirmative defense to penalty liability for non-compliance with a provision or condition of the operating permit that is based on any federally delegated regulation, including but not limited to NSPS, NESHAP, or MACT. An affirmative defense to penalty liability for non-compliance with a provision or condition of the operating permit may be asserted by a permittee if:
  - a. The provision or condition of the operating permit is based solely on State or local law; and
  - b. The affirmative defense is asserted and established as required by N.J.S.A. 26:2C-19.1 through 19.5.
11. In the event of a challenge to any part of this operating permit, all other parts of the permit shall continue to be valid. [N.J.A.C. 7:27-22.16(f)]
12. Each owner and each operator of any facility, source operation, or activity to which this permit applies is responsible for ensuring compliance with all requirements of N.J.A.C. 7:27-22. If the owner and operator are separate persons, or if there is more than one owner or operator, each owner and each operator is jointly and severally liable for any fees due under N.J.A.C. 7:27-22, and for any penalties for violation of N.J.A.C. 7:27-22. [N.J.A.C. 7:27-22.3]
13. The permittee shall ensure that no air contaminant is emitted from any significant source operation at a rate, calculated as the potential to emit, that exceeds the applicable threshold for reporting emissions set forth in the Appendix to N.J.A.C. 7:27-22 or 7:27-17.9(a), unless emission of the air contaminant is authorized by this operating permit. [N.J.A.C. 7:27-22.3(c)]
14. Consistent with the provisions of N.J.A.C. 7:27-22.3(e), the permittee shall ensure that all requirements of this operating permit are met. In the event that there are multiple emission limitations, monitoring, recordkeeping, and/or reporting requirements for a given source operation, the facility must comply with all requirements, including the most stringent.
15. Consistent with the provisions of N.J.A.C. 7:27-22.3(s), Except as otherwise provided in this subchapter, the submittal of any information or application by a permittee including, but not limited to, an application or notice for any change to the operating permit, including any administrative amendment, any minor or significant modification, renewal, a notice of a seven-day notice change, a notice of past or anticipated noncompliance, does not stay any operating permit condition, nor relieve a permittee from the obligation to obtain other necessary permits and to comply with all applicable Federal, State, and local requirements.
16. Applicable requirements derived from an existing or terminated consent decree with EPA will not be changed without advance consultation by the Department with EPA. N.J.A.C. 7:27-22.3(uu).
17. Unless specifically exempted from permitting, temporary mobile equipment for short-term activities may be periodically used at major facilities, on site for up to 90 days if the requirements listed below, (a) through (h) are satisfied.
  - a. The permittee will ensure that the temporary mobile equipment will not be installed permanently or used permanently on site.

- b. The permittee will ensure that the temporary mobile equipment will not circumvent any State or Federal rules and regulations, even for a short period of time, and the subject equipment will comply with all applicable performance standards.
  - c. The permittee cannot use temporary mobile equipment unless the owner or operator of the subject equipment has obtained and maintains an approved Air Pollution Control Permit, issued pursuant to N.J.A.C. 7:27-8 or 22, prior to bringing the temporary mobile equipment to operate at the major facility.
  - d. The permittee is responsible for ensuring the temporary mobile equipment's compliance with the terms and conditions specified in its approved Air Pollution Control Permit when the temporary mobile equipment operates on the property of the permittee.
  - e. The permittee will ensure that temporary mobile equipment utilized for short-term activities will not operate on site for more than a total of 90 days during any calendar year.
  - f. The permittee will keep on site a list of temporary mobile equipment being used at the facility with the start date, end date, and record of the emissions from all such equipment (amount and type of each air contaminant) no later than 30 days after the temporary mobile equipment completed its job in accordance with N.J.A.C. 7:27-22.19(i)3.
  - g. Emissions from the temporary mobile equipment must be included in the emission netting analysis required of the permittee by N.J.A.C. 7:27-18.7. This information is maintained on site by the permittee and provided to the Department upon request in accordance with existing applicable requirements in the FC Section of its Title V permit.
  - h. Where short-term activities (employing temporary mobile equipment) will reoccur on at least an annual basis, the permittee is required to include such activities (and the associated equipment) within one year of the first use, in its Title V permit through the appropriate modification procedures.
18. Consistent with the provisions of N.J.A.C. 7:27-22.9(c), the permittee shall use monitoring of operating parameters, where required by the compliance plan, as a surrogate for direct emissions testing or monitoring, to demonstrate compliance with applicable requirements.
19. The permittee is responsible for submitting timely and administratively complete operating permit applications:
- Administrative Amendments [N.J.A.C. 7:27-22.20(c)];
  - Seven-Day Notice changes [N.J.A.C. 7:27-22.22(e)];
  - Minor Modifications [N.J.A.C. 7:27-22.23(e)];
  - Significant Modifications [N.J.A.C. 7:27-22.24(e)]; and
  - Renewals [N.J.A.C. 7:27-22.30(b)].
20. The operating permit renewal application consists of a RADIUS application and the application attachment available at the Department's website <https://dep.nj.gov/boss/applications-and-forms/> (Attachment to the RADIUS Operating Permit Renewal Application). Both the RADIUS application and the Application Attachment, along with any other supporting documents must be submitted using the Department's Portal at: <https://njdeponline.com/>. The application is considered timely if it is received at least 12 months before the expiration date of the operating permit. To be deemed administratively complete, the renewal application shall include all information required by the application form for the renewal and the information required pursuant to N.J.A.C. 7:27-22.30(d). However, consistent with N.J.A.C. 7:27-22.30(c), the permittee is encouraged to submit the renewal application at least 15 months prior to expiration of the operating permit, so that any deficiencies can be identified and addressed to ensure that the application is administratively complete by the renewal deadline. Only renewal applications which are timely and administratively complete are eligible for an application shield.
21. For all source emissions testing performed at the facility, the phrase "worst case conditions without creating an unsafe condition" used in the enclosed compliance plan is consistent with EPA's National Stack



Testing Guidance, dated April 27, 2009, where all source emission testing performed at the facility shall be under the representative (normal) conditions that:

- a. Represent the range of combined process and control measure conditions under which the facility expects to operate (regardless of the frequency of the conditions); and
  - b. Are likely to most challenge the emissions control measures of the facility with regard to meeting the applicable emission standards, but without creating an unsafe condition.
22. Consistent with EPA's National Stack Testing Guidance and Technical Manual 1004, a facility may not stop an ongoing stack test because it would have failed the test unless the facility also ceases operation of the equipment in question to correct the issue. Stopping an ongoing stack test in these instances will be considered credible evidence of emissions non-compliance.
  23. Each permittee shall maintain records of all source emissions testing or monitoring performed at the facility and required by the operating permit in accordance with N.J.A.C. 7:27-22.19. Records shall be maintained, for at least five years from the date of each sample, measurement, or report. Each permittee shall maintain all other records required by this operating permit for a period of five years from the date each record is made. At a minimum, source emission testing or monitoring records shall contain the information specified at N.J.A.C. 7:27-22.19(b). [N.J.A.C. 7:27-22.19(a) and N.J.A.C. 7:27-22.19(b)]
  24. A Permittee may seek the approval of the Department for a delay in testing required pursuant to this permit by submitting a written request to the appropriate Regional Enforcement Office in accordance with N.J.A.C. 7:27-22.18(k). A Permittee may also seek advanced approval for a longer period for submittal of a source emissions test report required by the permit by submitting a request to the Department's Regional Enforcement Office in accordance with N.J.A.C. 7:27-22.19. [N.J.A.C. 7:27-22.18(k) and N.J.A.C. 7:27-22.19]
  25. Any emission limit values in an operating permit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to three significant figures (e.g. a printed limit of "1 lb/hr" means a limit of "1.00 lb/hr") except for concentration limits less than 10 parts per million (ppm). For such concentration limits, the emission limit shall be interpreted to be followed by inherent trailing zeros (0) in the decimal portion of the limit to two significant figures (e.g. a printed limit of "1 ppm" means a limit of "1.0 ppm").
  26. Testing every five years shall be defined as no later than the end of the 60th month after the first required and each subsequent stack test was completed for the new or modified source.

## Section C

**Facility Name: FRAZIER INDUSTRIAL CO**

**Program Interest Number: 26188**

**Permit Activity Number: BOP240001**

### **STATE-ONLY APPLICABLE REQUIREMENTS**

N.J.A.C. 7:27-22.16(b)5 requires the Department to specifically designate as not being federally enforceable any permit conditions based only on applicable State requirements. The applicable State requirements to which this provision applies are listed in the table titled “State-Only Applicable Requirements.”

### **STATE-ONLY APPLICABLE REQUIREMENTS**

The following applicable requirements are not federally enforceable:

<u>SECTION</u>	<u>SUBJECT ITEM</u>	<u>ITEM #</u>	<u>REF. #</u>
B	---	1	---
B	---	10b	---
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## Section D

**Facility Name: FRAZIER INDUSTRIAL CO**

**Program Interest Number: 26188**

**Permit Activity Number: BOP240001**

### **FACILITY SPECIFIC REQUIREMENTS AND INVENTORIES**

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#### **Subject Item and Name**

#### **Page Number**

##### **Facility (FC):**

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##### **Insignificant Sources (IS):**

IS NJID	IS Description	
IS1	Small Fuel Combustion Heaters (16), Natural Gas, < 1MMBTU/hr	7
IS2	Diesel Fuel Oil Tanks (2), 550 Gal and 1,000 Gal	8
IS3	Fab Shop Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity)	9
IS4	Maintenance Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity)	9

##### **Emission Units (U):**

U NJID	U Designation	U Description	
U1	Paint Tanks	Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE	13
U3	Weld Station	Gas Metal Arc Cutting and Welding of Metal Frames	30
U5	Em Generator	(EG-003-3) Emerg. Gen., 568 kW	33

**New Jersey Department of Environmental Protection**  
**Reason for Application**

**Permit Being Modified**

**Permit Class:** BOP      **Number:** 230001

**Description  
of Modifications:**

The following changes were made to the permit during this renewal process:

1. Deleted Emission Unit U5 Emergency Generator, which is no longer on-site and is replaced with a new Emergency Generator permitted under a General Operating Permit;
2. Deleted HAPs, Toluene, and Xylene emissions from Emission Unit U1. Current paint formulations and solvents used in the facility no longer contain HAPs that are above the reporting thresholds.
3. Reduced the weld wire usage, TSP, PM-10, and PM-25 emissions for Emission Unit U3 Gas Metal Arc Cutting and Welding of Metal Frames.

The changes made during this permit activity result in a decrease of allowable annual emissions of TSP, PM-10, and PM-2.5 by 0.25 tons, Toluene by 0.81 tons, Xylene by 9.98 tons.

PM-25 emissions for Emission Unit U3 Gas Metal Arc Cutting and Welding of Metal Frames.

BOP240001

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Subject Item: FC

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	General Provisions: The permittee shall comply with all applicable provisions of N.J.A.C. 7:27-1. [N.J.A.C. 7:27- 1]	None.	None.	None.
2	Control and Prohibition of Open Burning: The permittee is prohibited from open burning of rubbish, garbage, trade waste, buildings, structures, leaves, other plant life and salvage. Open burning of infested plant life or dangerous material may only be performed with a permit from the Department. [N.J.A.C. 7:27- 2]	None.	None.	Obtain an approved permit: Prior to occurrence of event (prior to open burning). [N.J.A.C. 7:27- 2]
3	Prohibition of Air Pollution: The permittee shall not emit into the outdoor atmosphere substances in quantities that result in air pollution as defined at N.J.A.C. 7:27-5.1. [N.J.A.C. 7:27- 5]	None.	None.	None.
4	Prevention and Control of Air Pollution Control Emergencies: Any person responsible for the operation of a source of air contamination set forth in Table 1 of N.J.A.C. 7:27-12 is required to prepare a written Standby Plan, consistent with good industrial practice and safe operating procedures, and be prepared for reducing the emission of air contaminants during periods of an air pollution alert, warning, or emergency. Any person who operates a source not set forth in Table 1 of N.J.A.C. 7:27-12 is not required to prepare such a plan unless requested by the Department in writing. [N.J.A.C. 7:27-12]	None.	None.	Comply with the requirement: Upon occurrence of event. Upon proclamation by the Governor of an air pollution alert, warning, or emergency, the permittee shall put the Standby Plan into effect. In addition, the permittee shall ensure that all of the applicable emission reduction objectives of N.J.A.C. 7:27-12.4, Table I, II, and III are complied with whenever there is an air pollution alert, warning, or emergency. [N.J.A.C. 7:27-12]
5	Emission Offset Rules: The permittee shall comply with all applicable provisions of Emission Offset Rules. [N.J.A.C. 7:27-18]	None.	None.	None.
6	Emission Statements: The permittee shall comply with all the applicable provisions of N.J.A.C. 7:27-21. [N.J.A.C. 7:27-21]	None.	None.	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Compliance Certification: The permittee shall submit an annual Compliance Certification for each applicable requirement, pursuant to N.J.A.C. 7:27-22.19(f). [N.J.A.C. 7:27-22]	None.	None.	Submit an Annual Compliance Certification: Annually to the Department and to EPA within 60 days after the end of each calendar year during which this permit was in effect. The Compliance Certification shall be certified pursuant to N.J.A.C. 7:27-1.39 by the responsible official and submitted electronically through the NJDEP online web portal. The certification should be printed for submission to EPA.  The NJDEP online web portal can be accessed at: <a href="http://www.state.nj.us/dep/online/">http://www.state.nj.us/dep/online/</a> . The Compliance Certification forms and instructions for submitting to EPA are available by selecting Documents and Forms and then Periodic Compliance Certification. [N.J.A.C. 7:27-22]
8	Prevention of Air Pollution from Consumer Products and Architectural Coatings: The permittee shall comply with all applicable provisions of N.J.A.C. 7:27-24 and [N.J.A.C. 7:27-23]	None.	None.	None.
9	Any operation of equipment which causes off-property effects, including odors, or which might reasonably result in citizen's complaints shall be reported to the Department to the extent required by the Air Pollution Control Act, N.J.S.A. 26:2C-19(e). [N.J.S.A. 26: 2C-19(e)]	Other: Observation of plant operations. [N.J.S.A. 26: 2C-19(e)].	Other: Maintain a copy of all information submitted to the Department. [N.J.S.A. 26: 2C-19(e)].	Notify by phone: Upon occurrence of event. A person who causes a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints shall immediately notify the Department. Such notification shall be made by calling the Environmental Action Hotline at (877) 927-6337. [N.J.S.A. 26: 2C-19(e)]
10	Prevention of Significant Deterioration: The permittee shall comply with all applicable provisions of Prevention of Significant Deterioration (PSD). [40 CFR 52.21]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	The permittee shall comply with all applicable provisions of National Emission Standards for Hazardous Air Pollutants (NESHAPS) for Asbestos, Subpart M. [40 CFR 61]	Other: Comply with 40 CFR 61.145 and 61.150 when conducting any renovation or demolition activities at the facility. [40 CFR 61].	Other: Comply with 40 CFR 61.153 when conducting any renovation or demolition activities at the facility. [40 CFR 61].	Comply with the requirement: Upon occurrence of event. The permittee shall comply with 40 CFR 61.153 when conducting any renovation or demolition activities at the facility. [40 CFR 61]
12	Protection of Stratospheric Ozone:1) If the permittee manufactures, transforms, destroys, imports, or exports a Class I or Class II substance, the permittee is subject to all the requirements as specified at 40 CFR 82, Subpart A; 2) If the permittee performs a service on motor "fleet" vehicles when this service involves an ozone depleting substance refrigerant (or regulated substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified at 40 CFR 82, Subpart B. 3) The permittee shall comply with the standards for labeling of products containing or manufactured with ozone depleting substances pursuant to 40 CFR 82, Subpart E. 4). The permittee shall comply with the standards for recycling and emission reductions of Class I and Class II refrigerants or a regulated substitute substance during the service, maintenance, repair, and disposal of appliances pursuant to 40 CFR 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. 5) The permittee shall be allowed to switch from any ozone depleting substance to any alternative that is listed in the Significant New Alternative Program (SNAP) promulgated pursuant to 40 CFR 82, Subpart G. [40 CFR 82]	Other: Comply with 40 CFR 82 Subparts A, B, E, F, and G. [40 CFR 82].	Other: Comply with 40 CFR 82 Subparts A, B, E, F, and G. [40 CFR 82].	Comply with the requirement: Upon occurrence of event. The permittee shall comply with 40 CFR 82 Subparts A, B, E, F, and G. [40 CFR 82]

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
13	Deviation Reports: The permittee shall submit to the Department a certified six-month Deviation Report relating to testing and monitoring required by the operating permit. [N.J.A.C. 7:27-22.19(d)3], [N.J.A.C. 7:27-22.19(e)], and [N.J.A.C. 7:27-22.19(c)]	None.	Other: The permittee shall maintain deviation reports for a period of five years from the date each report is submitted to the Department. [N.J.A.C. 7:27-22.19(a)] and [N.J.A.C. 7:27-22.19(e)].	Submit a report: As per the approved schedule. The six-month deviation reports for the period from January 1 through June 30 shall be submitted by July 30 of the same calendar year, and for the period from July 1 through December 31, shall be submitted by January 30 of the following calendar year.  The annual compliance certification required by N.J.A.C. 7:27-22.19(f) may also be considered as your six-month Deviation Report for the period from July 1 – December 31, if submitted by January 30 of the following calendar year. The reports shall be certified pursuant to N.J.A.C. 7:27-1.39 by the responsible official and submitted electronically through the NJDEP online web portal.  The NJDEP online web portal can be accessed at: <a href="http://www.state.nj.us/dep/online/">http://www.state.nj.us/dep/online/</a> . The Compliance Certification forms are available by selecting Documents and Forms and then Periodic Compliance Certification. [N.J.A.C. 7:27-22]
14	Used Oil Combustion: No person shall combust used oil except as authorized pursuant to N.J.A.C. 7:27-20. [N.J.A.C. 7:27-20.2]	None.	None.	Comply with the requirement: Prior to occurrence of event (prior to burning used oil) either register with the Department pursuant to N.J.A.C. 7:27-20.3 or obtain a permit issued by the Department pursuant to N.J.A.C. 7:27-8 or 7:27-22, whichever is applicable. [N.J.A.C. 7:27-20.2(d)]
15	Prevention of Accidental Releases: Facilities producing, processing, handling or storing a chemical, listed in the tables of 40 CFR Part 68.130, and present in a process in a quantity greater than the listed Threshold Quantity, shall comply with all applicable provisions of 40 CFR 68. [40 CFR 68]	Other: Comply with 40 CFR 68. [40 CFR 68].	Other: Comply with 40 CFR 68. [40 CFR 68].	Other (provide description): Other. Comply with 40 CFR 68 as described in the Applicable Requirement. [40 CFR 68]



**New Jersey Department of Environmental Protection  
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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
16	The Department and its authorized representatives shall have the right to enter and inspect any activity subject to N.J.A.C. 7:27-22, or portion thereof, pursuant to N.J.A.C. 7:27-1.31. [N.J.A.C. 7:27-22.16(g)9]	None.	None.	None.
17	The permittee shall pay fees to the Department pursuant to N.J.A.C. 7:27. [N.J.A.C. 7:27-22.16(g)10]	None.	None.	None.
18	Each permittee shall meet all requirements of the approved source emissions testing and monitoring protocol during the term of the operating permit.  Whenever the permittee makes a replacement, modification, change or repair of a certified CEMS or COMS that may significantly affect the ability of the system to accurately measure or record data, the permittee must recertify the CEMS or COMS in accordance with Section V.B. and Appendix E of Technical Manual 1005.  The permittee is responsible for any downtime associated with the replacement, modification, change or repair of the CEMS or COMS. [N.J.A.C. 7:27-22.18(j)]	None.	None.	Comply with the requirement: Upon occurrence of event. The permittee is responsible for contacting the Emission Measurement Section to determine the need for recertification and/or to initiate the recertification process. [N.J.A.C. 7:27-22.18(j)]
19	Each process monitor must be operated at all times when the associated process equipment is operating except during service outage time not to exceed 24 hours per calendar quarter. [N.J.A.C. 7:27-22.16(a)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The permittee must keep a service log to document any outage. [N.J.A.C. 7:27-22.16(o)]	None.
20	Continuous recording for process monitors must be at a sufficient frequency and resolution to be able to document compliance or non-compliance in accordance with Technical Manual 1005 for CEMS (TM1005(B)(3)). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
21	Stack testing after permit expiration: If an operating permit has expired, the conditions of the operating permit, including the requirements for stack testing during the expired permit term, remain enforceable until the operating permit is reissued. [N.J.A.C. 7:27-22.30(j)] and [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Subject Item:** IS1 Small Fuel Combustion Heaters (16), Natural Gas, < 1MMBTU/hr

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Opacity: No visible emissions except for 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27- 3.2(a)]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Subject Item:** IS2 Diesel Fuel Oil Tanks (2), 550 Gal and 1,000 Gal

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Sulfur Content in Fuel <= 15 ppmw (0.0015% by weight). Effective July 1, 2016. [N.J.A.C. 7:27- 9.2(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
2	Fuel stored in New Jersey that met the applicable maximum sulfur content standard of Tables 1A or 1B of N.J.A.C. 7:27-9.2 at the time it was stored in New Jersey may be used in New Jersey after the operative date of the applicable standard in Table 1B. [N.J.A.C. 7:27- 9.2(a)]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
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**Subject Item:** IS3 Fab Shop Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity), IS4 Maintenance Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Federal Requirements: 40 CFR 63 MACT Subpart T [40 CFR 63]			
2	No person shall add solvent to a cold cleaning machine, or cause, suffer, allow, or permit the machine to be operated, unless the machine has a permanent, conspicuous label placed in a prominent location on the machine setting forth the applicable requirements of N.J.A.C. 7:27-16.6(j)(2). [N.J.A.C. 7:27-16.6(j)1ii]	None.	None.	None.
3	The machine shall be equipped with a tightly fitting working-mode cover that completely covers the machine's opening and that shall be kept closed at all times except when parts are being placed into or being removed from the machine or when solvent is being added or removed. For a remote reservoir cold cleaning machine which drains directly into the solvent storage reservoir, a perforated drain with a diameter of not more than six inches shall constitute an acceptable cover. [N.J.A.C. 7:27-16.6(j)1iii1]	None.	None.	None.
4	The solvent level in the machine shall not exceed the fill line when there are no parts in the machine for cleaning and shall not exceed the high level liquid mark during cleaning operations. [N.J.A.C. 7:27-16.6(j)2i]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	Flushing of parts with a solvent spray, using a spray head attached to a flexible hose or other flushing device, shall be performed only within the freeboard area of the machine. The solvent spray shall be a continuous fluid stream, not an atomized or shower spray, and shall be under a pressure that does not exceed ten pounds per square inch gauge; [N.J.A.C. 7:27-16.6(j)2ii]	None.	None.	None.
6	Parts being cleaned shall be drained for at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts shall be positioned so that solvent drains directly back into the machine; [N.J.A.C. 7:27-16.6(j)2iii]	None.	None.	None.
7	When the machine's cover is open, the machine shall not be exposed to drafts greater than 40 meters per minute (132 feet per minute), as measured between one and two meters (between 3.3 and 6.6 feet) upwind and at the same elevation as the tank lip. [N.J.A.C. 7:27-16.6(j)2iv]	None.	None.	None.
8	Sponges, fabric, leather, paper products and other absorbent materials shall not be cleaned in the machine. [N.J.A.C. 7:27-16.6(j)2v]	None.	None.	None.
9	When a pump-agitated solvent bath is used, the agitator shall be operated to produce a rolling motion of the solvent with no observable splashing of solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used [N.J.A.C. 7:27-16.6(j)2vi]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	Spills during solvent transfer and use of the machine shall be cleaned up immediately, and the wipe rags or other sorbent material used shall be immediately stored in covered containers for disposal or recycling [N.J.A.C. 7:27-16.6(j)2vii]	None.	None.	None.
11	Waste solvent shall be collected and stored in a closed container. The closed container may contain a device that allows pressure relief, provided that it does not allow liquid solvent to drain from the container [N.J.A.C. 7:27-16.6(j)2vii]	None.	None.	None.
12	Work area fans shall be located and positioned so that they do not blow across the opening of the degreaser unit [N.J.A.C. 7:27-16.6(j)2ix]	None.	None.	None.
13	A person shall not use, in a cold cleaning machine, any solvent that has a vapor pressure of one millimeter of mercury or greater, measured at 20 degrees centigrade (68 degrees Fahrenheit). [N.J.A.C. 7:27-16.6(j)3]	None.	None.	None.

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Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
14	<p>A person who owns or operates a cold cleaning shall maintain, for not less than two years after the date of purchase of solvent for use in the machine, the information specified below and shall, upon the request of the Department or its representative, provide the information to the Department:</p> <p>i. The name and address of the person selling the solvent. An invoice, bill of sale, or a certificate that corresponds to a number of sales, if it has the seller's name and address on it, may be used to satisfy this requirement;</p> <p>ii. A list of VOC(s) and their concentration information in the solvent;</p> <p>iii. Information about each VOC listed pursuant ii above. A Material Safety Data Sheet (MSDS) may be used to satisfy this requirement;</p> <p>iv. The solvents product number assigned by the manufacturer; and</p> <p>v. The vapor pressure of the solvent measured in millimeters of mercury at 20 degrees centigrade (68 degrees Fahrenheit). [N.J.A.C. 7:27-16.6(j)4]</p>	None.	None.	None.
15	Solvent must contain less than 5% by weight of any combination of methylene chloride; perchloroethylene; trichloroethylene; 1,1,1-trichloroethane; carbon tetrachloride; and chloroform. (MACT Subpart T) [40 CFR 63.Subpart(T)]	None.	None.	None.
16	Degreaser shall have a maximum top opening of less than 6 square feet (0.56 square meters). [N.J.A.C. 7:27-22.1]	None.	None.	None.
17	Degreaser shall have a tank or vessel, the capacity of which is less than 100 gallons [N.J.A.C. 7:27-22.1]	None.	None.	None.



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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Federal Requirements: 40 CFR 60 Subpart A 40 CFR 60 Subpart EE [40 CFR Federal Rules Summary]	None.	None.	None.
2	Opacity: No visible emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
3	Hours of Operation <= 6,240 hr/yr for each dip tank. This limit applies to VOC coating operations only (OS1-3). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	Coating Usage <= 17,809 gal/yr for all three dip tanks combined based on hours of operation (6,240 hr/yr for each tank) and combined VOC coating usage (2.854 gal/hr based on 0.72 gal/hr for OS1, 1.7 gal/hr for OS2, and 0.434 gal/hr for OS3). This limit applies to VOC coating operations only (OS1-3). [N.J.A.C. 7:27-22.16(a)]	Coating Usage: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	Coating Usage: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
5	VOC (Total) <= 31.2 tons/yr. Annual emission limit based on VOC content (3.5 lb/gal) and VOC coating usage (17,809 gal/yr). [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation using the following formula:  Total VOC content of each formulation (lb/gal) x volume of formulation used in a consecutive 12 month period (gal/yr) / 2000 = VOC tons per year.  The calculation shall be applied to each dip tank and the cumulative total for all three tanks shall be used to demonstrate compliance with VOC emission limit. [N.J.A.C. 7:27-22.16(o)]	None.

**New Jersey Department of Environmental Protection  
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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	All requests, reports, applications, submittals, and other communications to the Administrator pursuant to Part 60 shall be submitted in duplicate to the Regional Office of US Environmental Protection Agency. Submit information to: Director, Division of Enforcement & Compliance Assistance, US EPA, Region 2, 290 Broadway, New York, NY 10007-1866. (NSPS Subpart A) [40 CFR 60.4(a)]	None.	None.	Submit a report: As per the approved schedule to EPA Region 2 as required by 40 CFR 60. [40 CFR 60.4(a)]
7	Copies of all information submitted to EPA pursuant to 40 CFR Part 60, must also be submitted to the appropriate Regional Enforcement Office of NJDEP. (NSPS Subpart A) [40 CFR 60.4(b)]	None.	None.	Submit a report: As per the approved schedule to the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60. [40 CFR 60.4(b)]
8	The owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). The notification shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of facility before and after the change and the expected completion date of the change. Notification shall be postmarked within 60 days or as soon as practicable before any change is commenced. The Administrator may request additional relevant information subsequent to this notice. (NSPS Subpart A) [40 CFR 60.7(a)(4)]	None.	None.	Submit notification: Upon occurrence of event to EPA Region 2 and the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60.7 [40 CFR 60.7(a)(4)]

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
9	The owner or operator shall maintain a file, suitable for inspection, of all monitoring measurements as indicated in Recordkeeping Requirement column. (NSPS Subpart A) [40 CFR 60.7(f)]	None.	Other: The file shall include all measurements (including continuous monitoring system, monitoring device, and performance testing measurements), all continuous monitoring system performance evaluations, all continuous monitoring system or monitoring device calibration checks, all adjustments/maintenance performed on these systems or devices, and all other information required by 40 CFR Part 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the dates of the record, except as prescribed in 40 CFR 60.7(f)(1) through (3). Sources subject to 40 CFR 70, are required to retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application, per 40 CFR 70.6(a)(3)(ii)(B). [40 CFR 60.7(f)].	None.
10	No owner or operator subject to NSPS standards in Part 60, shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. (NSPS Subpart A) [40 CFR 60.12]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	VOC (Total) <= 0.9 kg VOC/liter coating solids applied (NSPS Subpart EE). [40 CFR 60.312(a)]	<p>VOC (Total): Monitored by calculations each month during operation.</p> <p>The owner or operator shall determine the composition of the coatings by formulation data supplied by the manufacturer of the coating or by an analysis of each coating, as received, using Method 24.</p> <p>The owner or operator shall determine the volume of coating and the mass of VOC-solvent used for thinning purposes from company records on a monthly basis.</p> <p>The owner or operator shall use the procedures for determining monthly volume-weighted average emissions of VOC's in kilograms per liter of coating solids applied as described in 40 CFR 60.313(c)(1)(i) - (iii). [40 CFR 60.313(c)(1)]</p>	VOC (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Each owner or operator subject to the provisions of 40 CFR 60 Subpart EE shall maintain at the source, for a period of at least 2 years, records of all data and calculations used to determine VOC emissions from each affected facility. [40 CFR 60.315(d)]	Submit a report: Upon occurrence of event. The owner or operator of an affected facility shall identify, record, and submit a written report to the Administrator every calendar quarter of each instance in which the volume-weighted average of the total mass of VOC's emitted to the atmosphere per volume of applied coating solids (N) is greater than the limit specified under 40 CFR 60.312. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the Administrator semiannually. [40 CFR 60.315(b)]

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**New Jersey Department of Environmental Protection**  
**Facility Specific Requirements**

**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS1 Surface coating of steel (VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. The composition of the surface coating formulation determined by results of on-site analytical testing using a tank sample. [N.J.A.C. 7:27-22.16(o)] & [N.J.A.C. 7:27-16.7(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation (each determination). [N.J.A.C. 7:27-22.16(o)]	None.
2	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. [N.J.A.C. 7:27-22.16(a)]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. [N.J.A.C. 7:27-22.16(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. [N.J.A.C. 7:27-22.16(o)]	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
4	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	The surface coating formulation composition shall be limited to paint and VOC solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
6	Coating Usage <= 0.72 gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
7	VOC (Total) <= 2.5 lb/hr. Maximum emission rate based on coating usage (0.72 gal/hr) and VOC content as applied (3.5 lb/gal). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS2 Surface coating of steel (VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. The composition of the surface coating formulation determined by results of on-site analytical testing using a tank sample. [N.J.A.C. 7:27-22.16(o)] & [N.J.A.C. 7:27-16.7(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation (each determination). [N.J.A.C. 7:27-22.16(o)]	None.
2	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. [N.J.A.C. 7:27-22.16(a)]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. [N.J.A.C. 7:27-22.16(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. [N.J.A.C. 7:27-22.16(o)]	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
4	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	The surface coating formulation composition shall be limited to paint and VOC solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
6	Coating Usage <= 1.7 gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
7	VOC (Total) <= 6 lb/hr. Maximum emission rate based on coating usage (1.7 gal/hr) and VOC content as applied (3.5 lb/gal). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.



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**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS3 Surface coating of steel (VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. The composition of the surface coating formulation determined by results of on-site analytical testing using a tank sample. [N.J.A.C. 7:27-22.16(o)] & [N.J.A.C. 7:27-16.7(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation (each determination). [N.J.A.C. 7:27-22.16(o)]	None.
2	VOC Content per Volume of Coating (Minus Water) <= 3.5 lb/gal. [N.J.A.C. 7:27-22.16(a)]	VOC Content per Volume of Coating (Minus Water): Monitored by VOC coating sampling each week during operation. [N.J.A.C. 7:27-22.16(o)]	VOC Content per Volume of Coating (Minus Water): Recordkeeping by manual logging of parameter or storing data in a computer data system each week during operation. [N.J.A.C. 7:27-22.16(o)]	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
4	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	The surface coating formulation composition shall be limited to paint and VOC solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
6	Coating Usage <= 0.434 gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
7	VOC (Total) <= 1.5 lb/hr. Maximum emission rate based on coating usage (0.434 gal/hr) and VOC content as applied (3.5 lb/gal). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS4 Surface coating of steel (exempt VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) $\leq 3.5$ lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by formulation data upon occurrence of event (prior to addition of paint to heated open top Paint Room Tank(s)) using standard formulation sheets and/or material safety data sheets. [N.J.A.C. 7:27-16.7(o)]	Other: Maintain records of the VOC content of each surface coating formulation (minus water) as applied, in pounds of VOC per gallon of coating or kilograms of VOC per liter of coating.[N.J.A.C. 7:27-16.7(m)].	None.
2	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.
4	The surface coating formulation composition shall be limited to paint and VOC exempt solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
5	Coating Usage $\leq 0.72$ gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	VOC (Total) < 0.05 lb/hr (below reporting threshold). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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Facility Specific Requirements**

**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS5 Surface coating of steel (exempt VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) $\leq$ 3.5 lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by formulation data upon occurrence of event (prior to addition of paint to heated open top Paint Room Tank(s)) using standard formulation sheets and/or material safety data sheets. [N.J.A.C. 7:27-16.7(o)]	Other: Maintain records of the VOC content of each surface coating formulation (minus water) as applied, in pounds of VOC per gallon of coating or kilograms of VOC per liter of coating.[N.J.A.C. 7:27-16.7(m)].	None.
2	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.
4	The surface coating formulation composition shall be limited to paint and VOC exempt solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
5	Coating Usage $\leq$ 1.7 gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	VOC (Total) < 0.05 lb/hr (below reporting threshold). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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Facility Specific Requirements**

**Emission Unit:** U1 Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE

**Operating Scenario:** OS6 Surface coating of steel (exempt VOC solvent coating)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Content per Volume of Coating (Minus Water) $\leq 3.5$ lb/gal. No person shall cause, suffer, allow, or permit the use of any surface coating operation or graphic arts operation subject to N.J.A.C. 7:27-16.7, unless the VOC content of any surface coating formulation (minus water) as applied does not exceed the applicable maximum allowable VOC content, specified in Table 7B (Air dried coating). [N.J.A.C. 7:27-16.7(c)1]	VOC Content per Volume of Coating (Minus Water): Monitored by formulation data upon occurrence of event (prior to addition of paint to heated open top Paint Room Tank(s)) using standard formulation sheets and/or material safety data sheets. [N.J.A.C. 7:27-16.7(o)]	Other: Maintain records of the VOC content of each surface coating formulation (minus water) as applied, in pounds of VOC per gallon of coating or kilograms of VOC per liter of coating.[N.J.A.C. 7:27-16.7(m)].	None.
2	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the percent by weight of any exempt organic substance. [N.J.A.C. 7:27-16.7(m)]	Other: The method(s) to be used to determine the composition of a surface coating formulation as required by N.J.A.C. 7:27-16.7(m) may include utilization of standard formulation sheets and/or material safety data sheets.[N.J.A.C. 7:27-16.7(o)].	Other: Maintain records of the percent by weight of any exempt organic substance for each surface coating formulation.[N.J.A.C. 7:27-16.7(m)].	None.
3	The owner or operator of any surface coating operation subject to N.J.A.C. 7:27-16.7 applying only surface coating formulations which are subject to and conform with the applicable VOC content limit set forth in Table 7B shall maintain records of the daily volume of each surface coating formulation applied. [N.J.A.C. 7:27-16.7(m)]	Monitored by calculations daily of paint and solvent additions into the heated open top Paint Room Tank. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system daily. [N.J.A.C. 7:27-22.16(o)]	None.
4	The surface coating formulation composition shall be limited to paint and VOC exempt solvent. [N.J.A.C. 7:27-22.16(a)]	Monitored by formulation data upon occurrence of event (per surface coating formulation). [N.J.A.C. 7:27-22.16(o)]	Other: Maintain records of surface coating formulation composition.[N.J.A.C. 7:27-22.16(o)].	None.
5	Coating Usage $\leq 0.434$ gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	VOC (Total) < 0.05 lb/hr (below reporting threshold). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.



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Emission Unit: U3 Gas Metal Arc Cutting and Welding of Metal Frames

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Opacity <= 20 % exclusive of condensed water vapor, except for 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-6.2(d)] &. [N.J.A.C. 7:27- 6.2(e)]	None.	None.	None.
2	Opacity: No visible emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
3	Production Welding process limited to Gas Metal Arc Welding (GMAC) using only weld wire and inert gases. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	Total Material Transferred <= 28,682 lb/yr of weld wire. [N.J.A.C. 7:27-22.16(a)]	Total Material Transferred: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	Total Material Transferred: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
5	TSP <= 0.075 tons/yr. Annual emission limit based on total throughput. [N.J.A.C. 7:27-22.16(a)]	TSP: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis) using industry developed emission factor of 0.0052 lb particulate per lb. of weld wire. [N.J.A.C. 7:27-22.16(o)]	TSP: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
6	PM-10 (Total) <= 0.075 tons/yr. Annual emission limit based on total throughput. [N.J.A.C. 7:27-22.16(a)]	PM-10 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis) using industry developed emission factor of 0.0052 lb particulate per lb. of weld wire. [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
7	PM-2.5 (Total) <= 0.075 tons/yr. Annual emission limit based on total throughput. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis) using industry developed emission factor of 0.0052 lb particulate per lb. of weld wire. [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.

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**Emission Unit:** U3 Gas Metal Arc Cutting and Welding of Metal Frames

**Operating Scenario:** OS1 Auto Line - G1 (Face), OS2 Auto Line - G2 (Face), OS3 Auto Line - G3 (Inside Flange), OS4 Auto Line - G4 (Inside Flange), OS5 Auto Line - G5 (Outside Flange), OS6 Auto Line - G6 (Outside Flange), OS7 Framing Jigs - L1, G1, OS8 Framing Jigs - L1, G2, OS9 Framing Jigs - L2, G1, OS10 Framing Jigs - L2, G2, OS11 Boxing Jigs - L1, G1, OS12 Boxing Jigs - L2, G1, OS13 Miscellaneous Welder 1, OS14 Miscellaneous Welder 2, OS15 Miscellaneous Welder 3, OS16 Miscellaneous Welder 4

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 3.07 lb/hr for PT4, 5, & 10, each. [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	TSP <= 0.05 lb/hr Maximum emission rate based on electrode consumption. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	PM-10 (Total) <= 0.05 lb/hr Maximum emission rate based on electrode consumption and AP-42 emission factor (5.20 lb/10 <sup>3</sup> lb). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	PM-2.5 (Total) <= 0.05 lb/hr Maximum emission rate based on electrode consumption. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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Emission Unit: U5 (EG-003-3) Emerg. Gen., 568 kW

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Federal Requirements: 40 CFR 60 NSPS Subpart A 40 CFR 60 NSPS Subpart IIII 40 CFR 63 MACT Subpart ZZZZ [40 CFR Federal Rules Summary]	None.	None.	None.
2	Opacity <= 20 % exclusive of visible condensed water vapor, except for a period of not longer than 10 consecutive seconds. [N.J.A.C. 7:27- 3.5]	None.	None.	None.
3	Particulate Emissions <= 2.98 lb/hr (PT8). Particulate emission limit from the combustion of fuel based on rated heat input of source. [N.J.A.C. 7:27- 4.2(a)]	None.	None.	None.
4	Sulfur Content in Fuel <= 15 ppmw (0.0015% by weight). Effective July 1, 2016. [N.J.A.C. 7:27- 9.2(b)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
5	Fuel stored in New Jersey that met the applicable maximum sulfur content standard of Tables 1A or 1B of N.J.A.C. 7:27-9.2 at the time it was stored in New Jersey may be used in New Jersey after the operative date of the applicable standard in Table 1B. [N.J.A.C. 7:27- 9.2(b)]	None.	None.	None.
6	Sulfur Content in Fuel <= 0.0015 % by weight. Maximum allowable sulfur content in No. 2 fuel oil, diesel fuel or kerosene shall be no more than 15 ppm (0.0015% by wt.). [N.J.A.C. 7:27-22.16(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
7	The owner or operator shall keep records of engine manufacturer data for the life of the equipment showing the rated Maximum Gross Heat Input, Maximum Rated Power Output, Model Year and Displacement. [N.J.A.C. 7:27-22.16(a)]	None.	Other: The owner or operator shall keep records of engine manufacturer data for the life of the equipment showing the rated Maximum Gross Heat Input, Maximum Rated Power Output, Model Year and Displacement. [N.J.A.C. 7:27-22.16(o)].	None.

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Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
8	Generator fuel limited to No. 2 fuel oil, diesel fuel or kerosene. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
9	<p>The emergency generator shall be located at the facility and produce mechanical or thermal energy, or electrical power exclusively for use at the facility. This emergency generator shall be operated only:</p> <p>1. During the performance of normal testing and maintenance procedures, as recommended in writing by the manufacturer and/or as required in writing by a Federal or State law or regulation,</p> <p>2. When there is power outage or the primary source of mechanical or thermal energy fails because of an emergency, or when the power disruption resulted from construction, repair, or maintenance activity (CRM) at the facility. Operation of the emergency generator under construction, repair, or maintenance activity is limited to 30 days in any calendar year; or</p> <p>3. When there is a voltage reduction issued by PJM and posted on the PJM internet website (www.pjm.com) under the "emergency procedures" menu. [N.J.A.C. 7:27-19.1]</p>	<p>Monitored by hour/time monitor continuously.</p> <p>In addition, the owner or operator shall monitor, once per month, the total operating time from the generator's hour meter; hours of operation for emergency use; hours of operation for testing and maintenance; and the total fuel usage calculated by the following:</p> <p>Fuel Usage (Gallons per month) = (Hours of operation per month) x (Maximum emergency generator fuel usage rate in gallons per hour).</p> <p>Hours of operation for emergency use (per month) = (The monthly total operating time from the generator's hour meter) - (The monthly total operating time for testing or maintenance) [N.J.A.C. 7:27-22.16(o)]</p>	<p>Recordkeeping by manual logging of parameter or storing data in a computer data system at the approved frequency. The owner or operator shall maintain on site and record the following information:</p> <p>1. Once per month, the total operating time from the generator's hour meter, the fuel usage (gallons per month), and the monthly hours of operation for emergency use and during power disruption from CRM. Document if the emergency use was due to internal or external loss of primary source of energy, or due to a fire or flood. If internal loss at the facility, document the emergency and/or CRM that occurred, the damages to the primary source of energy and the amount of time needed for repairs.</p> <p>2. For each time the emergency generator is specifically operated for testing or maintenance:</p> <ol style="list-style-type: none"> <li>The reason for its operation;</li> <li>The date(s) of operation and the start up and shut down time;</li> <li>The total operating time for testing or maintenance based on the generator's hour meter; and</li> <li>The name of the operator; and</li> </ol> <p>3. If a voltage reduction is the reason for the use of the emergency generator, a copy of the voltage reduction notification from PJM or other documentation of the voltage reduction.</p> <p>The owner or operator of an emergency generator shall maintain the above records for a period no less than 5 years after the record was made and shall make the records readily available to the Department or the EPA upon request. [N.J.A.C. 7:27-22.16(o)] and [N.J.A.C. 7:27-19.11]</p>	None.

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	<p>This emergency generator shall not be used:</p> <p>1. For normal testing and maintenance on days when the Department forecasts air quality anywhere in New Jersey to be "unhealthy for sensitive groups," "unhealthy," or "very unhealthy" as defined in the EPA's Air Quality Index at <a href="http://airnow.gov/">http://airnow.gov/</a>, as supplemented or amended and incorporated herein by reference, unless required in writing by a Federal or State law or regulation. Procedures for determining the air quality forecasts for New Jersey are available at the Department's air quality permitting web site at <a href="http://www.state.nj.us/dep/aqpp/aqforecast">http://www.state.nj.us/dep/aqpp/aqforecast</a>; and</p> <p>2. As a source of energy or power after the primary energy or power source has become operable again after emergency or after power disruption resulted from construction, repair, or maintenance activity. Operation of the emergency generator during construction, repair, or maintenance activity shall be limited to no more than 30 days of operation per calendar year. If the primary energy or power source is under the control of the owner or operator of the emergency generator, the owner or operator shall make a reasonable, timely effort to repair the primary energy or power source. [N.J.A.C. 7:27-19.2(d)]</p>	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	The Emergency Generator may be operated at other locations (within the State of New Jersey) only in the event of an emergency, as defined at N.J.A.C. 7:27-19.1. [N.J.A.C. 7:27-22.16(a)]	Monitored by hour/time monitor upon occurrence of event. [N.J.A.C. 7:27-22.16(o)]	<p>Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. 1. For each time the emergency generator is operated at a location other than the facility for which it is originally permitted in the event of an emergency, the Permittee of the emergency generator shall record the following: i) Document the location (name of facility with address) where the emergency generator is operated; ii) Document the emergency that occurred and describe whether the emergency was due to internal or external loss of primary source of energy at the location; iii) If emergency is due to internal loss at the location, document the damages to the primary source of energy and the amount of time needed for repairs; iv) Document the date(s) of operation and the start up and shut down time on each date; v) Document the total operating time at the location based on the generator's hour meter and the total amount of fuel and fuel type used for the duration of the emergency; vi) The name and contact information of the operator of the emergency generator at the location.</p> <p>2. If a voltage reduction is the reason for the use of the emergency generator, a copy of the voltage reduction notification from PJM or other documentation of the voltage reduction.</p> <p>The Permittee of the emergency generator shall have the above records on site within 30 days of the occurrence of the emergency event, maintain the record for a period of no less than 5 years after the record was made, and shall make the records readily available to the Department or the EPA upon request. [N.J.A.C. 7:27-22.16(o)]</p>	Submit notification: Upon occurrence of event the Permittee of the emergency generator must submit the Recordkeeping Requirements to the Regional Enforcement Office within 30 days of the occurrence of the emergency event. [N.J.A.C. 7:27-22.16(o)]

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
12	Hours of Operation <= 100 hr/yr for testing and maintenance. The limit on the allowable hours for testing and maintenance in accordance with the documentation from manufacturer, the vendor, or the insurance company associated with the engine. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor upon occurrence of event. [N.J.A.C. 7:27-22.16(o)]	Hours of Operation: Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall maintain on site and record the following information:  For each time the emergency generator is specifically operated for testing or maintenance: i. The reason for its operation; ii. The date(s) of operation and the start up and shut down time; iii. The total operating time for testing or maintenance based on the generator's hour meter; and iv. The name of the operator. [N.J.A.C. 7:27-19.11]	None.
13	Maximum Gross Heat Input <= 4.96 MMBTU/hr (HHV). [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
14	The owner or operator shall submit an annual statement certified in accordance with N.J.A.C. 7:27-1.39 and signed by the responsible official, as defined at N.J.A.C. 7:27-1.4. The Responsible Official shall certify annually that the emergency generator is operated as defined in this permit. [N.J.A.C. 7:27-22.1]	None.	None.	None.
15	VOC (Total) <= 0.0223 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
16	NOx (Total) <= 0.39 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	NOx (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	NOx (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
17	CO <= 0.21 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	CO: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	CO: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.

U5 (EG-003-3) Emerg. Gen., 568 kW

OS Summary



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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
18	TSP <= 0.025 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	TSP: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	TSP: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
19	PM-10 (Total) <= 0.0142 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	PM-10 (Total): Monitored by calculations each month during operation, based on a rolling 30 day average (rolling 1 day basis). [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
20	PM-2.5 (Total) <= 0.012 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.
21	All requests, reports, applications, submittals, and other communications to the Administrator pursuant to Part 60 shall be submitted in duplicate to the Regional Office of US Environmental Protection Agency. Submit information to: Director, Division of Enforcement & Compliance Assistance, US EPA, Region 2, 290 Broadway, New York, NY 10007-1866 (NSPS Subpart A). [40 CFR 60.4(a)]	None.	None.	Submit a report: As per the approved schedule to EPA Region 2 as required by 40 CFR 60. [40 CFR 60.4(a)]
22	Copies of all information submitted to EPA pursuant to 40 CFR Part 60, must also be submitted to the appropriate Regional Enforcement Office of NJDEP (NSPS Subpart A). [40 CFR 60.4(b)]	None.	None.	Submit a report: As per the approved schedule to the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60. [40 CFR 60.4(b)]
23	No owner or operator subject to NSPS standards in Part 60, shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere (NSPS Subpart A). [40 CFR 60.12]	None.	None.	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
24	The owner or operator shall notify the Administrator of the proposed replacement of components (NSPS Subpart A). [40 CFR 60.15]	None.	None.	Submit notification: At a common schedule agreed upon by the operator and the Administrator. The notification shall include information listed under 40 CFR Part 60.15(d). The notification shall be postmarked 60 days (or as soon as practicable) before construction of the replacements is commenced. [40 CFR 60.15(d)]
25	Changes in time periods for submittal of information and postmark deadlines set forth in this subpart, may be made only upon approval by the Administrator and shall follow procedures outlined in 40 CFR Part 60.19 (NSPS Subpart A). [40 CFR 60.19]	None.	None.	None.
26	Owners and operators of stationary CI internal combustion engines must operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4204 and 60.4205 over the entire life of the engine. (NSPS Subpart IIII) [40 CFR 60.4206]	None.	Other: The owner or operator shall keep the manufacturer's emission-related written instructions over the entire life of the engine. [40 CFR 60.4206].	None.
27	Beginning October 1, 2010, the CI internal combustion engines with a displacement of less than 30 liters per cylinder subject to NSPS IIII (manufactured after April 1, 2006 or modified or reconstructed after July 11, 2005) that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 1090.305 that contains the following per gallon standards: 15 ppm (0.0015 percent) maximum sulfur content and either a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted. [40 CFR 60.4207(b)]	Monitored by review of fuel delivery records once per bulk fuel shipment. For each diesel delivery received, the owner or operator shall review written documentation of the delivery to ensure the maximum allowable fuel oil sulfur content and either a minimum cetane index or a maximum aromatic content is not being exceeded. Such written documentation can include, but is not limited to: bill of lading, delivery invoice, certificate of analysis. [N.J.A.C. 7:27- 8.13(d)]	Recordkeeping by invoices / bills of lading / certificate of analysis once per bulk fuel shipment. The owner or operator shall keep records of fuel showing oil sulfur content and either a minimum cetane index or a maximum aromatic content for each delivery received. All records must be maintained for a minimum of 2 years following the date of such records per 40 CFR 60.7(f). [N.J.A.C. 7:27- 8.13(d)]	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
28	The owner or operator that must comply with the emission standards specified in NSPS IIII must operate and maintain the stationary CI internal combustion engine and control device, except as permitted under 40 CFR 60.4211(g), according to the manufacturer's emission-related written instructions. In addition, owners and operators may only change emission-related settings that are permitted by the manufacturer. The owner or operator must also meet the requirements of 40 CFR parts 94, 1039 and/or 1068, as applicable. If the engine and control device is not installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions, or emission-related settings are changed in a way that is not permitted by the manufacturer, the owner or operator must demonstrate compliance as prescribed at 40 CFR 60.4211(g)(1), (2) or (3) depending on the maximum engine power. (NSPS Subpart IIII) [40 CFR 60.4211(a)]	None.	Other: The owner or operator shall keep the manufacturer's emission-related written instructions. [40 CFR 60.4211].	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
29	Emergency stationary internal combustion engines may be operated for the purpose of maintenance checks and readiness testing limited to 100 hours per year, provided that those tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Anyone may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. (NSPS Subpart III) [40 CFR 60.4211(f)]	Monitored by hour/time monitor continuously. The owner or operator of an emergency stationary internal combustion engine that does not meet the standards applicable to non-emergency engines must install a non-resettable hour meter prior to startup of the engine. [40 CFR 60.4209(a)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator must record the time of operation of the emergency engine and the reason the engine was in operation during that time. Starting with the model year 2011, 2012, or 2013, depending on the maximum engine power as provided in Table 5 in NSPS IIII, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter if the emergency engine does not meet the standards in 40 CFR 60.4204, applicable to non-emergency engines, in the applicable model year. The emergency engine must comply with the labeling requirements in 40 CFR 60.4210(f). [40 CFR 60.4214(b)]	None.
30	The owner or operator of a 2007 model year and later emergency generator with a displacement of < 10 liters per cylinder and a maximum engine power $\geq 37$ kW (HP $\geq 50$ ) and no greater than 3,000HP ( $\leq 2,237$ kW) must comply with the certification emissions standards in 40 CFR 1039 appendix I for the same model year and maximum engine power as follows: NMHC + NO <sub>x</sub> $\leq 6.4$ g/kW-hr, CO $\leq 3.5$ g/kW-hr, PM $\leq 0.2$ g/kW-hr. (NSPS Subpart IIII). [40 CFR 60.4205(b)]	None.	Other: The owner or operator of a 2007 model year or later engine must keep manufacturer certification showing compliance with the applicable emission standards, for the same model year and maximum engine power. [40 CFR 60.4211].	None.

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**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
31	The owner or operator of a 2007 model year and later stationary CI internal combustion engine complying with the emission standards specified in 40 CFR 60.4204(b) or 40 CFR 60.4205(b), must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b) or 40 CFR 60.4205(b) as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in 40 CFR 60.4211(g). (NSPS Subpart IIII) [40 CFR 60.4211(c)]	None.	Other: The owner or operator must keep documentation from the manufacturer, for the life of the equipment, that the engine is certified to meet the emission standards as applicable, for the same model year and maximum engine power. If the engine and control device is not installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions, or emission-related settings are changed in a way that is not permitted by the manufacturer, the owner or operator must demonstrate compliance as prescribed at 40 CFR 60.4211(g)(1), (2) or (3) depending on the maximum engine power. [40 CFR 60.4211(c)].	None.
32	A new or reconstructed stationary RICE located at an area HAP source must meet the requirements of 40 CFR 63 by meeting the requirements of 40 CFR 60 subpart IIII, for compression ignition engines or 40 CFR 60 subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under 40 CFR 63. (MACT Subpart ZZZZ) [40 CFR 63.6590(c)]	Other: Comply with all applicable provisions at NSPS IIII. [40 CFR 63].	Other: Comply with all applicable provisions at NSPS IIII. [40 CFR 63].	None.

BOP240001

**New Jersey Department of Environmental Protection  
Facility Specific Requirements**

Emission Unit: U5 (EG-003-3) Emerg. Gen., 568 kW

Operating Scenario: OS1 4.96 MMBTU/hr (HHV) Emerg. Gen. (568 kW) Diesel fuel, 100 hrs/yr

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC (Total) <= 0.05 lb/hr. Maximum emission rate based on manufacturer emission factor (0.03 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
2	NOx (Total) <= 7.73 lb/hr. Maximum emission rate based on manufacturer emission factor (4.6 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	CO <= 1.01 lb/hr. Maximum emission rate based on manufacturer emission factor (0.6 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	TSP <= 0.05 lb/hr. Maximum emission rate based on manufacturer emission factor (0.03 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	PM-10 (Total) <= 0.05 lb/hr. Maximum emission rate based on manufacturer emission factor (0.03 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	PM-2.5 (Total) <= 0.05 lb/hr. Maximum emission rate based on manufacturer emission factor (0.03 g/BHP-hr). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Facility Name (AIMS):** Frazier Industrial Company

**Facility ID (AIMS):** 26188

**Street** 95 FAIRVIEW AVE  
**Address:** 95 FAIRVIEW AVE  
P O BOX F  
LONG VALLEY, NJ 07853

**Mailing** PO BOX F  
**Address:** 95 FAIRVIEW AVE  
95 FAIRVIEW AVE  
LONG VALLEY, NJ 07853

**County:** Morris  
**Location** Manufacturer of industrial shelving  
**Description:**

<b>State Plane Coordinates:</b>	
<b>X-Coordinate:</b>	740,044
<b>Y-Coordinate:</b>	400,018
<b>Units:</b>	Long/Lat
<b>Datum:</b>	Unknown
<b>Source Org.:</b>	Other/Unknown
<b>Source Type:</b>	Other/Unknown

<b>Industry:</b>	
<b>Primary SIC:</b>	2542
<b>Secondary SIC:</b>	
<b>NAICS:</b>	337215

**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Contact Type: Air Permit Information Contact**

**Organization:** Frazier Industrial Company

**Org. Type:** Corporation

**Name:** Jeff Jarvis

**NJ EIN:**

**Title:** Plant Manager

**Phone:** (908) 876-3001 x3810

**Mailing Address:** PO Box F  
95 Fairview Ave  
Long Valley, NJ 07853

**Fax:** ( ) - x

**Other:** (732) 328-5187 x

**Type:** Mobile

**Email:** jjarvis@frazier.com

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**Contact Type: Consultant**

**Organization:** Trinity Consultants, Inc.

**Org. Type:** Private

**Name:** Melissa Armer

**NJ EIN:**

**Title:** Managing Consultant

**Phone:** (208) 472-8837 x

**Mailing Address:** 405 S. 8th St.  
Ste 331  
Boise, ID 83702

**Fax:** ( ) - x

**Other:** ( ) - x

**Type:**

**Email:** marmer@trinityconsultants.com

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**Contact Type: Fees/Billing Contact**

**Organization:** Frazier Industrial Company

**Org. Type:** Corporation

**Name:** Jeff Jarvis

**NJ EIN:**

**Title:** Plant Manager

**Phone:** (908) 876-3001 x3810

**Mailing Address:** PO Box F  
95 Fairview Ave  
Long Valley, NJ 07853

**Fax:** ( ) - x

**Other:** (732) 328-5187 x

**Type:** Mobile

**Email:** jjarvis@frazier.com



**New Jersey Department of Environmental Protection**  
**Facility Profile (General)**

**Contact Type: Operator**

**Organization:** Frazier Industrial Company

**Org. Type:** Corporation

**Name:** Jeff Jarvis

**NJ EIN:**

**Title:** Plant Manager

**Phone:** (908) 876-3001 x3810

**Mailing Address:** PO Box F  
95 Fairview Ave  
Long Valley, NJ 07853

**Fax:** ( ) - x

**Other:** (732) 328-5187 x

**Type:** Mobile

**Email:** jjarvis@frazier.com

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**Contact Type: Owner (Current Primary)**

**Organization:** Frazier Industrial Company

**Org. Type:** Corporation

**Name:** Jeff Jarvis

**NJ EIN:**

**Title:** Plant Manager

**Phone:** (908) 876-3001 x3810

**Mailing Address:** PO Box F  
95 Fairview Ave  
Long Valley, NJ 07853

**Fax:** ( ) - x

**Other:** (732) 328-5187 x

**Type:** Mobile

**Email:** jjarvis@frazier.com

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**Contact Type: Responsible Official**

**Organization:** Frazier Industrial Company

**Org. Type:** Corporation

**Name:** Tim Johns

**NJ EIN:** 00221626865

**Title:** Vice President, Manufacturing

**Phone:** (908) 876-3001 x

**Mailing Address:** PO Box F  
95 Fairview Ave  
P. O. Box F  
Long Valley, NJ 07853

**Fax:** (908) 876-3615 x

**Other:** (317) 617-0246 x

**Type:** Mobile

**Email:** tjohns@frazier.com

**FRAZIER INDUSTRIAL CO (26188)**  
**BOP240001**

Date: 07/10/2025

**New Jersey Department of Environmental Protection**  
**Non-Source Fugitive Emissions**

FG NJID	Description of Activity Causing Emission	Location Description	Reasonable Estimate of Emissions (tpy)								
			VOC (Total)	NOx	CO	SO	TSP (Total)	PM-10	Pb	HAPS (Total)	Other (Total)
FG1	Haul road	on-site	0.000	0.000	0.000	0.000	1.900	0.690	0.000	0.00000000	0.000

**New Jersey Department of Environmental Protection**  
**Insignificant Source Emissions**

IS NJID	Source/Group Description	Equipment Type	Location Description	Estimate of Emissions (tpy)								
				VOC (Total)	NOx	CO	SO	TSP	PM-10	Pb	HAPS (Total)	Other (Total)
IS1	Small Fuel Combustion Heaters (16), Natural Gas, < 1MMBTU/hr	Fuel Combustion Equipment (Other)		0.011	0.200	0.170	0.001	0.015	0.015	0.002	0.00000000	0.000
IS2	Diesel Fuel Oil Tanks (2), 550 Gal and 1,000 Gal	Storage Vessel		0.000	0.000	0.000	0.000	0.000		0.000	0.00000000	0.000
IS3	Fab Shop Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity)	Cleaning Machine (Open Top: Cold)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000
IS4	Maintenance Drum Mount Cold Surface Cleaning Machine (Open Top, < 6 ft2 Opening, < 100 gallon capacity)	Cleaning Machine (Open Top: Cold)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000

**New Jersey Department of Environmental Protection  
Equipment Inventory**

<b>Equip. NJID</b>	<b>Facility's Designation</b>	<b>Equipment Description</b>	<b>Equipment Type</b>	<b>Certificate Number</b>	<b>Install Date</b>	<b>Grand- Fathered</b>	<b>Last Mod. (Since 1968)</b>	<b>Equip. Set ID</b>
E1	Paint tk 1	Paint Room Tank 1, heated, open top	Surface Coating Equipment (Non-Fabric Material)	124758	6/1/1981	No	3/1/1996	
E2	Paint tk 2	Paint Room Tank 2, heated, open top	Surface Coating Equipment (Non-Fabric Material)	124758	6/1/1981	No	3/1/1996	
E3	Paint tk 3	Paint Room Tank 3, heated, open top	Surface Coating Equipment (Non-Fabric Material)	124758	6/1/1981	No	3/1/1996	
E4	Em Generator	4.96 MMBTU/hr (HHV) Emerg. Gen. (568 kW)	Emergency Generator		11/20/2020			
E5	Auto Line G1	Auto Line - G1 (Face)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E9	Auto Line G2	Auto Line - G2 (Face)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E10	Auto Line G3	Auto Line - G3 (Inside Flange)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E11	Auto Line G4	Auto Line - G4 (Inside Flange)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E12	Auto Line G5	Auto Line - G5 (Outside Flange)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	

**New Jersey Department of Environmental Protection  
Equipment Inventory**

<b>Equip. NJID</b>	<b>Facility's Designation</b>	<b>Equipment Description</b>	<b>Equipment Type</b>	<b>Certificate Number</b>	<b>Install Date</b>	<b>Grand- Fathered</b>	<b>Last Mod. (Since 1968)</b>	<b>Equip. Set ID</b>
E13	Auto Line G6	Auto Line - G6 (Outside Flange)	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E14	Frame L1, G1	Framing Jigs - L1, G1	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E15	Frame L1, G2	Framing Jigs - L1, G2	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E16	Frame L2, G1	Framing Jigs - L2, G1	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E17	Frame L2, G2	Framing Jigs - L2, G2	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E18	Boxing L1,G1	Boxing Jigs - L1, G1	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E19	Boxing L2,G1	Boxing Jigs - L2, G1	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E20	Msc Welder 1	Miscellaneous Welder 1	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	
E21	Msc Welder 2	Miscellaneous Welder 2	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	

**New Jersey Department of Environmental Protection  
Equipment Inventory**

<b>Equip. NJID</b>	<b>Facility's Designation</b>	<b>Equipment Description</b>	<b>Equipment Type</b>	<b>Certificate Number</b>	<b>Install Date</b>	<b>Grand- Fathered</b>	<b>Last Mod. (Since 1968)</b>	<b>Equip. Set ID</b>
E22	Msc Welder 3	Miscellaneous Welder 3	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	
E23	Msc Welder 4	Miscellaneous Welder 4	Manufacturing and Materials Handling Equipment	123584		No		
E25	Msc Welder 5	Miscellaneous Welder 5	Manufacturing and Materials Handling Equipment			No		

26188 FRAZIER INDUSTRIAL CO BOP240001 E1 (Surface Coating Equipment (Non-Fabric Material))  
Print Date: 4/1/2025

Make:

Manufacturer:

Model:

Method of Application:

Other  Spray Type:

Description:

Dipping

Have you attached a diagram showing the location and/or the configuration of this equipment?

☒ Yes  
☐ No

Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?

☐ Yes  
☒ No

Comments:

Steel frames dipped in tank of paint.

26188 FRAZIER INDUSTRIAL CO BOP240001 E3 (Surface Coating Equipment (Non-Fabric Material))  
Print Date: 4/1/2025

Make:		
Manufacturer:		
Model:		
Method of Application:	Other ▼	Spray Type: ▼
Description:	Dipping	
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application? <input type="radio"/> Yes <input checked="" type="radio"/> No
Comments:	Steel frames dipped in tank of paint.	



26188 FRAZIER INDUSTRIAL CO BOP240001 E4 (Emergency Generator)  
Print Date: 4/1/2025

Make:	<input type="text" value="Caterpillar"/>		
Manufacturer:	<input type="text" value="Caterpillar (2020)"/>		
Model:	<input type="text" value="C15GC (2020) Model Year"/>		
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	<input type="text" value="4.96"/>		
Will the equipment be used in excess of 500 hours per year?	<input type="radio"/> Yes <input type="radio"/> No		
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="radio"/> Yes <input type="radio"/> No	Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="radio"/> Yes <input type="radio"/> No
Comments:	<input type="text" value="568 kW"/> <input type="text" value="762 HP"/> <input type="text" value="Displacement per cylinder: 2.5 L"/>		

26188 FRAZIER INDUSTRIAL CO BOP240001 E5 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Welding station
Capacity:	1.77E+03
Units:	other units
Description (if other):	lb/yr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E9 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.77E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E10 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.69E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E11 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.69E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E12 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.76E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E13 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.76E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E14 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.83E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	



26188 FRAZIER INDUSTRIAL CO BOP240001 E15 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Welding station
Capacity:	1.83E+03
Units:	other units
Description (if other):	lb/yr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E16 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.83E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E17 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Welding station
Capacity:	1.83E+03
Units:	other units
Description (if other):	lb/yr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E18 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.73E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E19 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Welding station
Capacity:	1.73E+03
Units:	other units
Description (if other):	lb/yr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E20 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.49E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E21 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Welding station
Capacity:	1.49E+03
Units:	other units
Description (if other):	lb/yr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E22 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.49E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	



26188 FRAZIER INDUSTRIAL CO BOP240001 E23 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.49E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="Yes"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP240001 E25 (Manufacturing and Materials Handling Equipment)  
Print Date: 4/1/2025

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="Welding station"/>
Capacity:	<input type="text" value="1.49E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lb/yr"/>
Have you attached a diagram showing the location and/or the configuration of this equipment?	<input type="text" value="No"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	<input type="text" value="No"/>
Comments:	

**FRAZIER INDUSTRIAL CO (26188)**  
**BOP240001**

Date: 7/10/2025

**New Jersey Department of Environmental Protection**  
**Emission Points Inventory**

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT1	Blue tk stk	Blue Dip tank stack	Round	24	37	215	70.0	30.0	85.0	21,059.0	21,059.0	21,059.0	Up	
PT2	Orange tk sk	Orange Dip tank stack	Round	20	33	150	70.0	30.0	85.0	21,059.0	20,159.0	21,059.0	Up	
PT4	Fab rm stk 1	FAB Room stack 1	Round	14	25	120	70.0	30.0	85.0	4,500.0	4,500.0	4,500.0	Up	
PT5	Fab rm stk 2	FAB Room stack 2	Round	14	25	120	70.0	30.0	85.0	4,500.0	4,500.0	4,500.0	Up	
PT8	Em Generator	Emerg. Gen. E4 Stack	Round	8	9	60			988.0			3,600.0	Up	
PT10	Fab rm vent	Fab Rm Vent	Rectangle	14	15	120	70.0	30.0	85.0	4,500.0	4,500.0	4,500.0	Horizontal	
PT12	New Vert stk	New Vert Stack #3	Round	24	42	165	70.0	30.0	85.0	10,000.0	10,000.0	10,000.0	Up	

**FRAZIER INDUSTRIAL CO (26188)**  
**BOP240001**

Date: 7/10/2025

**New Jersey Department of Environmental Protection**  
**Emission Unit/Batch Process Inventory**

**U 1 Paint Tanks Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE**

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	E0001	Surface coating of steel (VOC solvent coating)	Normal - Steady State	E1		PT1	4-02-999-98							
OS2	E0002	Surface coating of steel (VOC solvent coating)	Normal - Steady State	E2		PT2	4-02-999-98							
OS3	E0003	Surface coating of steel (VOC solvent coating)	Normal - Steady State	E3		PT12	4-02-999-98							
OS4	E0001	Surface coating of steel (exempt VOC solvent coating)	Normal - Steady State	E1		PT1	4-02-999-98							
OS5	E0002	Surface coating of steel (exempt VOC solvent coating)	Normal - Steady State	E2		PT2	4-02-999-98							
OS6	E0003	Surface coating of steel (exempt VOC solvent coating)	Normal - Steady State	E3		PT12	4-02-999-98							

**U 3 Weld Station Gas Metal Arc Cutting and Welding of Metal Frames**

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	Auto Line G1	Auto Line - G1 (Face)	Normal - Steady State	E5		PT10 PT4 PT5	3-09-999-99							

**FRAZIER INDUSTRIAL CO (26188)**  
**BOP240001**

Date: 7/10/2025

**New Jersey Department of Environmental Protection**  
**Emission Unit/Batch Process Inventory**

**U 3 Weld Station Gas Metal Arc Cutting and Welding of Metal Frames**

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS2	Auto Line G2	Auto Line - G2 (Face)	Normal - Steady State	E9		PT10 PT4 PT5	3-09-999-99							
OS3	Auto Line G3	Auto Line - G3 (Inside Flange)	Normal - Steady State	E10		PT10 PT4 PT5	3-09-999-99							
OS4	Auto Line G4	Auto Line - G4 (Inside Flange)	Normal - Steady State	E11		PT10 PT4 PT5	3-09-999-99							
OS5	Auto Line G5	Auto Line - G5 (Outside Flange)	Normal - Steady State	E12		PT10 PT4 PT5	3-09-999-99							
OS6	Auto Line G6	Auto Line - G6 (Outside Flange)	Normal - Steady State	E13		PT10 PT4 PT5	3-09-999-99							
OS7	Frame L1, G1	Framing Jigs - L1, G1	Normal - Steady State	E14		PT10 PT4 PT5	3-09-999-99							
OS8	Frame L1, G2	Framing Jigs - L1, G2	Normal - Steady State	E15		PT10 PT4 PT5	3-09-999-99							
OS9	Frame L2, G1	Framing Jigs - L2, G1	Normal - Steady State	E16		PT10 PT4 PT5	3-09-999-99							

**FRAZIER INDUSTRIAL CO (26188)**  
**BOP240001**

Date: 7/10/2025

**New Jersey Department of Environmental Protection**  
**Emission Unit/Batch Process Inventory**

**U 3 Weld Station Gas Metal Arc Cutting and Welding of Metal Frames**

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS10	Frame L2, G2	Framing Jigs - L2, G2	Normal - Steady State	E17		PT10 PT4 PT5	3-09-999-99							
OS11	Boxing L1,G1	Boxing Jigs - L1, G1	Normal - Steady State	E18		PT10 PT4 PT5	3-09-999-99							
OS12	Boxing L2,G1	Boxing Jigs - L2, G1	Normal - Steady State	E19		PT10 PT4 PT5	3-09-999-99							
OS13	Msc Welder 1	Miscellaneous Welder 1	Normal - Steady State	E20		PT10 PT4 PT5	3-09-999-99							
OS14	Msc Welder 2	Miscellaneous Welder 2	Normal - Steady State	E21		PT10 PT4 PT5	3-09-999-99							
OS15	Msc Welder 3	Miscellaneous Welder 3	Normal - Steady State	E22		PT10 PT4 PT5	3-09-999-99							
OS16	Msc Welder 4	Miscellaneous Welder 4	Normal - Steady State	E23		PT10 PT4 PT5	3-09-999-99							
OS17	Msc Welder 5	Miscellaneous Welder 5	Normal - Steady State	E25		PT10 PT4 PT5	3-09-999-99							

FRAZIER INDUSTRIAL CO (26188)  
BOP240001

Date: 7/10/2025

New Jersey Department of Environmental Protection  
Emission Unit/Batch Process Inventory

U 5   Em Generator   (EG-003-3) Emerg. Gen., 568 kW

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	Em Generator	4.96 MMBTU/hr (HHV) Emerg. Gen. (568 kW) Diesel fuel, 100 hrs/yr	Normal - Steady State	E4		PT8								

Date: 7/10/2025

**New Jersey Department of Environmental Protection  
Subject Item Group Inventory**