



State of New Jersey

Department of Environmental Protection

Air Quality, Energy and Sustainability

Division of Air Quality

Bureau of Stationary Sources

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Trenton, NJ 08625-0420

PHILIP D. MURPHY

Governor

SHEILA Y. OLIVER

Lt. Governor

SHAWN M. LATOURETTE

ACTING COMMISSIONER

Air Pollution Control Operating Permit Renewal

Permit Activity Number: BOP190002

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, 2000

Operating Permit Approval Date: DRAFT (operating under application shield)

Operating Permit Expiration Date: May 7, 2025

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: <http://www.nj.gov/dep/aqpp>. 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 <http://www.nj.gov/dep/aqpp>.

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](#) available at <https://www.state.nj.us/dep/aqpp/applying.html>.

If you have any questions regarding this permit approval, please call Christopher Schwalje at (609) 292-1192.

Approved by:

Kevin Greener

Enclosure

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

Facility Name: FRAZIER INDUSTRIAL CO
Program Interest Number: 26188
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Section A

Facility Name: FRAZIER INDUSTRIAL CO
Program Interest Number: 26188
Permit Activity Number: BOP190002

POLLUTANT EMISSIONS SUMMARY

Table 1: Total emissions from all Significant Source Operations¹ at the facility.

Facility's Potential Emissions from all Significant Source Operations (tons per year)										
Source Categories	VOC (total)	NO _x	CO	SO ₂	TSP (total)	PM ₁₀ (total)	PM _{2.5} (total)	Pb	HAPs* (total)	CO ₂ e ²
Emission Units Summary	31.2	1.35	0.31	N/A	0.32	0.32	0.32	N/A	10.8	
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	0.32	0.32	0.32	N/A	10.8	49.25

Table 2: Estimate of total emissions from all Insignificant Source Operations¹ 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 _x	CO	SO ₂	TSP (total)	PM ₁₀ (total)	PM _{2.5} (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 ³	N/A	N/A	N/A	N/A	1.90	0.69	N/A	N/A	N/A

VOC: Volatile Organic Compounds TSP: Total Suspended Particulates PM_{2.5}: Particulates under 2.5 microns
 NO_x: Nitrogen Oxides Other: Any other air contaminant Pb: Lead
 CO: Carbon Monoxide regulated under the Federal CAA HAPs: Hazardous Air Pollutants
 SO₂: Sulfur Dioxide PM₁₀: Particulates under 10 microns CO₂e: Carbon Dioxide equivalent
 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).

*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.

¹ Significant Source Operations and Insignificant Source Operations are defined at N.J.A.C. 7:27-22.1.
² Total CO₂e emissions for the facility that includes all Significant Source Operations (emission units, batch process, group) and Insignificant Source Operations.
³ 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: BOP190002

POLLUTANT EMISSIONS SUMMARY

Table 3: Summary of Hazardous Air Pollutants (HAP) Emissions from Significant Source Operations ⁴:

HAP	TPY
Toluene	0.81
Xylene	9.98

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

Other Air Contaminant	TPY
N/A	

⁴ 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: BOP190002

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 the affirmative defense afforded by N.J.A.C. 7:27-22.16(l), 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, consistent with N.J.A.C. 7:27-22.16(l). [N.J.A.C. 7:27-22.19(g)]
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.
 - a. For emergencies (as defined at 40 CFR 70.6(g)(1)) that result in non-compliance with any promulgated federal technology-based standard such as NSPS, NESHAPS, or MACT, a federal affirmative defense is available, pursuant to 40 CFR 70. To assert a federal affirmative defense, the permittee must use the procedures set forth in 40 CFR 70. The affirmative defense provisions described below may not be applied to any situation that caused the Facility to exceed any federally delegated regulation, including but not limited to NSPS, NESHAP, or MACT.
 - b. For situations other than those covered above, an affirmative defense is available for a violation of a provision or condition of the operating permit only if:
 - i. The violation occurred as a result of an equipment malfunction, an equipment startup or shutdown, or during the performance of necessary equipment maintenance; and
 - ii. The affirmative defense is asserted and established as required by N.J.S.A. 26:2C-19.1 through 19.5 and any implementing rules. [N.J.A.C. 7:27-22.16(l)]
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 <http://www.nj.gov/dep/aqpp/applying.html> (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: <http://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:
 - i. 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
 - ii. 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]

Section C

Facility Name: FRAZIER INDUSTRIAL CO

Program Interest Number: 26188

Permit Activity Number: BOP190002

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	---	13b	---
D	FC	---	3
D	FC	---	9

Section D

Facility Name: FRAZIER INDUSTRIAL CO
Program Interest Number: 26188
Permit Activity Number: BOP190002

FACILITY SPECIFIC REQUIREMENTS AND INVENTORIES

FACILITY SPECIFIC REQUIREMENTS PAGE INDEX

Subject Item and Name **Page Number**

Facility (FC):

FC 1

Insignificant Sources (IS):

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

Emission Units (U):

U NJID	U Designation	U Description	
U1	Paint Tanks	Three Open Top Surface Coating Dip Tanks, subject to NSPS Subpart EE	12
U3	Weld Station	Gas Metal Arc Cutting and Welding of Metal Frames	29
U5	Em Generator	Diesel Emergency Generator (6.02 MMBtu/hr, 749 HP), subject to MACT Subpart ZZZZ	31
U6	Em Generator	(EG-003-3) Emerg. Gen., 568 kW	40

**FRAZIER INDUSTRIAL CO (26188)
BOP190002**

Date: 1/28/2021

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

Permit Being Modified

Permit Class: BOP **Number:** 200001

Description of Modifications: The following changes were made to the operating permit during this renewal process:

1. Reduced the VOC coating usage (from 20,778 to 17,809 gal/yr) and the annual VOC emissions (from 36.4 to 31.2 tons/yr) for the three surface coating dip tanks in Emission Unit U1 OS Summary Ref 4 & 5
2. Added a 4.96 MMBTU/hr diesel emergency generator (general operating permit GOP200001) to Emission Unit U6.

BOP190002

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: http://www.state.nj.us/dep/online/ . 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.

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

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]

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

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: http://www.state.nj.us/dep/online/ . 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
Facility Specific Requirements**

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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**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
Facility Specific Requirements**

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	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.
2	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.
3	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.
4	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.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	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.
6	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.
7	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.
8	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.
9	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.
10	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.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	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.
12	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.
13	<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> <ul style="list-style-type: none"> 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; ii. A list of VOC(s) and their concentration information in the solvent; iii. Information about each VOC listed pursuant ii above. A Material Safety Data Sheet (MSDS) may be used to satisfy this requirement; iv. The solvents product number assigned by the manufacturer; and 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] 	None.	None.	None.
14	Solvent must contain less than 5% by weight of any combination of methylene chloride; perchloroethylene; 1,1,1-trichloroethane; carbon tetrachloride; and chloroform. [40 CFR 63.Subpart(T)]	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
15	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.
16	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 [None]	None.	None.	None.
2	Opacity: No visible emissions except for a period of not longer than three 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.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	HAPs (Total) <= 10.8 tons/yr. Annual emission limit based on Toluene and Xylene. [N.J.A.C. 7:27-22.16(a)]	HAPs (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)]	HAPs (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	Toluene <= 0.81 tons/yr. Annual emission limit of this HAP based on hourly emissions and hours of operation. [N.J.A.C. 7:27-22.16(a)]	Toluene: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis) using paint and solvent purchase records and manufacturer's technical data on VOC content of paint and solvent. [N.J.A.C. 7:27-22.16(o)]	Toluene: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation based on the specific HAP content of each coating. [N.J.A.C. 7:27-22.16(o)]	None.
8	Xylene <= 9.98 tons/yr. Annual emission limit of this HAP based on hourly emissions and hours of operation. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis) using paint and solvent purchase records and manufacturer's technical data on VOC content of paint and solvent. [N.J.A.C. 7:27-22.16(o)]	Xylene: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation based on the specific HAP content of each coating. [N.J.A.C. 7:27-22.16(o)]	None.
9	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. [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)]
10	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. [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)]

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	<p>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. [40 CFR 60.7(a)(4)]</p>	None.	None.	<p>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)]</p>

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
12	The owner or operator shall maintain a file, suitable for inspection, of all monitoring measurements as indicated in Recordkeeping Requirement column. [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.
13	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. [40 CFR 60.12]	None.	None.	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
14	VOC (Total) <= 0.9 kg VOC/liter coating solids applied. [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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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

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.
8	Xylene <= 1.14 lb/hr. Maximum emission rate of this HAP. [N.J.A.C. 7:27-22.16(e)]	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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Facility Specific Requirements**

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.
8	Xylene <= 1.13 lb/hr. Maximum emission rate of this HAP. [N.J.A.C. 7:27-22.16(e)]	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: 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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Facility Specific Requirements**

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.
8	Toluene <= 0.26 lb/hr. Maximum emission rate of this HAP. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
9	Xylene <= 0.93 lb/hr. Maximum emission rate of this HAP. [N.J.A.C. 7:27-22.16(e)]	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: 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) <= 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 <= 0.72 gal/hr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.

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Facility Specific Requirements**

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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**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: 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) <= 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 <= 1.7 gal/hr. [N.J.A.C. 7:27-22.16(e)]	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
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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**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: 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) <= 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 <= 0.434 gal/hr. [N.J.A.C. 7:27-22.16(e)]	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
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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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

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 except for a period of not longer than three 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 <= 95,000 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 <= 0.295 tons/yr from all welding operations. [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 0.0062 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) <= 0.295 tons/yr from all welding operations. [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 0.0062 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) <= 0.295 tons/yr from all welding operations. [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 0.0062 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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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

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

Operating Scenario: OS1 Open Process Weld Machine 1, OS2 Open Process Weld Machine 2, OS3 Open Process Weld Machine 3, OS4 Open Process Weld Machine 4, OS5 Open Process Weld Machine 5, OS6 Open Process Weld Machine 6, OS7 Open Process Weld Machine 7, OS8 Open Process Weld Machine 8, OS9 Open Process Weld Machine 9, OS10 Open Process Weld Machine 10, OS11 Open Process Weld Machine 11, OS12 Open Process Weld Machine 12, OS13 Open Process Weld Machine 13, OS14 Open Process Weld Machine 14, OS15 Open Process Weld Machine 15, OS16 Automatic welding machine

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 (below reporting threshold) from each welding station. [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: U5 Diesel Emergency Generator (6.02 MMBtu/hr, 749 HP), subject to MACT Subpart ZZZZ

Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Federal Requirements: 40 CFR 63 Subpart ZZZZ [None]	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 <= 3.61 lb/hr (for PT11). 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	Generator fuel limited to diesel fuel. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	<p>Each 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> <ol style="list-style-type: none"> 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, 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 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>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; hours of operation during power disruption resulted from construction, repair and maintenance activity (CRM) at the facility; 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 and maintenance) – (The monthly total operating time due to power disruption resulted from construction, repair, or maintenance activity not counting operation during the performance of normal testing and maintenance procedures). [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. Record the following information:</p> <ol style="list-style-type: none"> 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. 2. For each time the emergency generator is specifically operated for testing or maintenance: <ol style="list-style-type: none"> 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; and 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>The owner or operator of shall maintain the above records for at least 5 years after the record was made and shall make the records readily available to the Department or the EPA. [N.J.A.C. 7:27-22.16(o)] &. [N.J.A.C. 7:27-19.11]</p>	<p>None.</p>

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
8	<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 http://airnow.gov/, 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 http://www.state.nj.us/dep/aqpp/aqforecast; 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.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
9	<p>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)]</p>	<p>Monitored by hour/time monitor upon occurrence of event. [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 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. 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. 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>	<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)]</p>

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
10	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 continuously. [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.
11	Maximum Gross Heat Input <= 6.02 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.
12	VOC (Total) <= 0.02 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
13	NOx (Total) <= 0.96 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
14	CO <= 0.26 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
15	TSP <= 0.02 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
16	PM-10 (Total) <= 0.02 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
17	PM-2.5 (Total) <= 0.02 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
18	The owner or operator of an emergency or black start CI RICE constructed or reconstructed before June 12, 2006 shall change oil and filter every 500 hours of operation or annually, whichever comes first, as prescribed in Table 2d, item 4a to Subpart ZZZZ of 40 CFR 63. [40 CFR 63.6603(a)]	Other: The owner or operator shall change oil and filter every 500 hours of operation or annually, whichever comes first. The owner or operator has an option of utilizing an oil analysis program, at the same frequency specified for changing the oil, in order to extend the specified oil change requirement, per 40 CFR 63.6625(i). The owner or operator must develop and follow a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with Table 6 item 9 to Subpart ZZZZ of 40 CFR 63. [40 CFR 63.6640(a)].	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator must keep records of the oil and filter change. Each record must be readily accessible for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.6660(c) and 40 CFR 63.10(b)(1). [40 CFR 63.6655(e)(2)]	None.
19	The owner or operator of an emergency or black start CI RICE constructed or reconstructed before June 12, 2006 shall inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary, as prescribed in Table 2d, item 4b and 4c to Subpart ZZZZ of 40 CFR 63. [40 CFR 63.6603(a)]	Other: The owner or operator shall inspect air cleaner every 1000 hours or annually, whichever comes first and inspect all hoses and belts every 500 hours of operation or annually, whichever comes first. The owner or operator must develop and follow a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with Table 6 item 9 to Subpart ZZZZ of 40 CFR 63. [40 CFR 63.6640(a)].	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator must keep records of the maintenance procedures and air cleaner, belt and hoses replacements events. Each record must be readily accessible for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.6660(c) and 40 CFR 63.10(b)(1). [40 CFR 63.6655(e)(2)]	None.
20	The engine must be in compliance with all applicable emission limitations and operating limitations in Subpart ZZZZ of 40 CFR 63 at all times. [40 CFR 63.6605(a)]	None.	None.	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
21	At all times the owner or operate must operate and maintain a RICE including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. [40 CFR 63.6605(b)]	None.	None.	None.
22	An owner or operator of an existing stationary emergency or black start RICE must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or the owner or operator must develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]	Other: Monitored according to the manufacturer's emission-related written instructions or the maintenance plan developed by the owner or operator. [40 CFR 63.6625(e)].	Other: The owner or operator must keep records of the maintenance procedures. Each record must be readily accessible for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.6660(c) and 40 CFR 63.10(b)(1). [40 CFR 63.6655(e)].	None.
23	The owner or operator must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes. [40 CFR 63.6625(h)]	Other: Monitored according to the manufacturer's emission-related operation and maintenance instructions; or the maintenance plan developed by the owner or operator which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with Table 6 item 9 to Subpart ZZZZ of 40 CFR 63. [40 CFR 63.6640(a)].	Other: The owner or operator must keep records of the maintenance procedures and replacements events. Each record must be readily accessible for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.6660(c) and 40 CFR 63.10(b)(1). [40 CFR 63.6655(e)].	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
24	<p>The owner or operator may operate an emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator 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 RICE beyond 100 hours per year. [40 CFR 63.6640(f)(2i)]</p>	<p>Monitored by hour/time monitor continuously. The owner or operator of an emergency stationary internal combustion engine must install a non-resettable hour meter if one is not already installed. [40 CFR 63.6625(f)]</p>	<p>Recordkeeping by manual logging of parameter or storing data in a computer data system annually. The owner or operator must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. [40 CFR 63.6655(f)(2)]</p>	<p>None.</p>
25	<p>The owner or operator shall comply with the General Provisions as shown in Table 8 to Subpart ZZZZ of 40 CFR 63 that apply to an existing emergency or black start CI RICE constructed or reconstructed before June 12, 2006 and located at an area source of HAP emissions except for a residential, commercial, or institutional emergency stationary RICE. [40 CFR 63.6665]</p>	<p>None.</p>	<p>None.</p>	<p>None.</p>

BOP190002

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U5 Diesel Emergency Generator (6.02 MMBtu/hr, 749 HP), subject to MACT Subpart ZZZZ

Operating Scenario: OS1 Firing Diesel Fuel Oil

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC (Total) <= 0.49 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (0.082 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
2	NOx (Total) <= 19.3 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (3.2 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	CO <= 5.12 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (0.85 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	TSP <= 0.6 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (0.0697 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	PM-10 (Total) <= 0.35 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (0.0573 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	PM-2.5 (Total) <= 0.35 lb/hr. Maximum emission rate based on AP-42, Table 3.4-1 emission factor (0.0556 lb/MMBTU). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

BOP190002

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U6 (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 Subpart IIII [None]	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. 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.
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.

**New Jersey Department of Environmental Protection
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> <ol style="list-style-type: none"> 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, 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 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>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> <ol style="list-style-type: none"> 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. 2. For each time the emergency generator is specifically operated for testing or maintenance: <ol style="list-style-type: none"> 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; and 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>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>	<p>None.</p>

**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 http://airnow.gov/, 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 http://www.state.nj.us/dep/aqpp/aqforecast; 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.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	<p>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)]</p>	<p>Monitored by hour/time monitor upon occurrence of event. [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 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. 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. 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>	<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)]</p>

**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) <= 0.0025 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	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)]	None.	None.	None.
17	CO <= 0.05 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

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

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
18	TSP <= 0.0025 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
19	PM-10 (Total) <= 0.0025 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
20	PM-2.5 (Total) <= 0.0025 tons/yr. Annual emission limit based on the permitted hours per year of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	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.

**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. [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 80.510(b) 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. 7:27-22.16(o)]	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. 7:27-22.16(o)]	None.

**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 89, 94 and/or 1068, as applicable (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.
29	Emergency generators 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 IIII). [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	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 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.

**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 emergency generator with a displacement of < 10 liters per cylinder and a maximum engine power >= 37 kW (HP >= 50) and no greater than 3,000HP (<= 2,237 kW) must comply with the certification emissions standards in 40 CFR 89.112 and smoke standards in 40 CFR 89.113 for the same model year and maximum engine power as follows: NMHC + NOx <= 6.4 g/kW-hr, CO <= 3.5 g/kW-hr, PM <= 0.2 g/kW-hr, weighted average emissions as defined in 40 CFR 89.404. (NSPS Subpart III). [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.
32	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 60.4205(b), must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4205(b), for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications (NSPS Subpart III). [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.

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New Jersey Department of Environmental Protection
 Facility Specific Requirements

Emission Unit: U6 (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 91 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:

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

Industry:	
Primary SIC:	2542
Secondary SIC:	
NAICS:	337215

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization: Frazier Industrial Company

Org. Type: Private

Name: Ken Backer

NJ EIN:

Title: Plant Manager

Phone: (908) 876-3001 x

Mailing Address: PO BOX F

Fax: () - x

95 Fairview Ave

Other: () - x

Long Valley, NJ 07853

Type:

Email: kbacker@frazier.com

Contact Type: Consultant

Organization: Trinity Consultants, Inc.

Org. Type: Private

Name: Melissa Armer

NJ EIN:

Title: Senior Consultant

Phone: (208) 472-8837 x

Mailing Address: 702 W. Idaho St

Fax: () - x

Ste 1100

Other: () - x

Boise, ID 83702

Type:

Email: marmer@trinityconsultants.com

Contact Type: General Contact

Organization: Frazier Industrial Company

Org. Type: Private

Name: Ken Backer

NJ EIN:

Title: Plant Manager

Phone: (908) 876-3001 x

Mailing Address: PO BOX F

Fax: () - x

95 Fairview Ave

Other: () - x

Long Valley, NJ 07853

Type:

Email: kbacker@frazier.com

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: On-Site Manager

Organization: Frazier Industrial Company

Org. Type: Private

Name: Ken Backer

NJ EIN:

Title: Plant Manager

Phone: (908) 876-3001 x

Mailing PO BOX F

Fax: () - x

Address: 95 Fairview Ave

Other: () - x

Long Valley, NJ 07853

Type:

Email: kbacker@frazier.com

Contact Type: Operator

Organization: Frazier Industrial Company

Org. Type: Private

Name: Ken Backer

NJ EIN:

Title: Plant Manager

Phone: (908) 876-3001 x

Mailing PO BOX F

Fax: () - x

Address: 95 Fairview Ave

Other: () - x

Long Valley, NJ 07853

Type:

Email: kbacker@frazier.com

Contact Type: Owner (Current Primary)

Organization: Frazier Industrial Company

Org. Type: Private

Name: Ken Backer

NJ EIN:

Title: Plant Manager

Phone: (908) 876-3001 x

Mailing PO Box F

Fax: () - x

Address: 95 Fairview Ave

Other: () - x

Long Valley, NJ 07853

Type:

Email: kbacker@frazier.com

FRAZIER INDUSTRIAL CO (26188)
BOP190002

Date: 1/28/2021

New Jersey Department of Environmental Protection
Facility Profile (General)

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 PO Box F

Fax: (908) 876-3615 x

Address: 95 Fairview Ave

Other: (317) 617-0246 x

P. O. Box F

Type: Mobile

Long Valley, NJ 07853

Email: tjohns@frazier.com

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

BOP190002

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

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand-Fathered	Last Mod. (Since 1968)	Equip. Set ID
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	OP Weld 1	Open Process Weld Machine 1	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E9	OP Weld 2	Open Process Weld Machine 2	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E10	OP Weld 3	Open Process Weld Machine 3	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E11	OP Weld 4	Open Process Weld Machine 4	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E12	OP Weld 5	Open Process Weld Machine 5	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	

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

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand-Fathered	Last Mod. (Since 1968)	Equip. Set ID
E13	OP Weld 6	Open Process Weld Machine 6	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E14	OP Weld 7	Open Process Weld Machine 7	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E15	OP Weld 8	Open Process Weld Machine 8	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E16	OP Weld 9	Open Process Weld Machine 9	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E17	OP Weld 10	Open Process Weld Machine 10	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E18	OP Weld 11	Open Process Weld Machine 11	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E19	OP Weld 12	Open Process Weld Machine 12	Manufacturing and Materials Handling Equipment	123584		No	7/26/1995	
E20	OP Weld 13	Open Process Weld Machine 13	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	
E21	OP Weld 14	Open Process Weld Machine 14	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	

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

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand-Fathered	Last Mod. (Since 1968)	Equip. Set ID
E22	OP Weld 15	Open Process Weld Machine 15	Manufacturing and Materials Handling Equipment	123584		No	11/6/2013	
E23	Auto weld 1	Automatic Welding Machine	Manufacturing and Materials Handling Equipment	123584		No		
E24	EG	749HP Diesel fuel fired emergency enerator	Emergency Generator					

26188 FRAZIER INDUSTRIAL CO BOP190002 E2 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 12/16/2020

Make:	<input type="text"/>	
Manufacturer:	<input type="text"/>	
Model:	<input type="text"/>	
Method of Application:	<input type="text" value="Other"/> ▼	Spray Type: <input type="text"/>
Description:	<input type="text" value="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:	<input type="text" value="Steel frames dipped in tank of paint."/>	

26188 FRAZIER INDUSTRIAL CO BOP190002 E3 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 12/16/2020

Make:	<input type="text"/>	
Manufacturer:	<input type="text"/>	
Model:	<input type="text"/>	
Method of Application:	<input type="text" value="Other"/> ▼	Spray Type: <input type="text"/>
Description:	<input type="text" value="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:	<input type="text" value="Steel frames dipped in tank of paint."/>	

26188 FRAZIER INDUSTRIAL CO BOP190002 E1 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 12/16/2020

Make:	<input type="text"/>	
Manufacturer:	<input type="text"/>	
Model:	<input type="text"/>	
Method of Application:	<input type="text" value="Other"/> ▼	Spray Type: <input type="text"/>
Description:	<input type="text" value="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:	<input type="text" value="Steel frames dipped in tank of paint."/>	

26188 FRAZIER INDUSTRIAL CO BOP190002 E4 (Emergency Generator)
Print Date: 12/16/2020

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
762 HP
Displacement per cylinder: 2.5 L"/>

26188 FRAZIER INDUSTRIAL CO BOP190002 E5 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 1"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E9 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 2"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E10 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 3"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E11 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 4"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E12 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E13 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 6"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E14 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E15 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 8"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E16 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E17 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 10"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E18 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 11"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E19 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E20 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	<input type="text" value="open welding station 13"/>
Capacity:	<input type="text" value="2.60E+03"/>
Units:	<input type="text" value="other units"/>
Description (if other):	<input type="text" value="lbs/hr"/>
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 BOP190002 E21 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E22 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:

Manufacturer:

Model:

Type of Manufacturing and Materials Handling Equipment:

Capacity:

Units:

Description (if other):

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

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

Comments:

26188 FRAZIER INDUSTRIAL CO BOP190002 E23 (Manufacturing and Materials Handling Equipment)
Print Date: 12/16/2020

Make:	<input type="text"/>
Manufacturer:	<input type="text"/>
Model:	<input type="text"/>
Type of Manufacturing and Materials Handling Equipment:	Automatic welding system
Capacity:	3.85E+03
Units:	other units <input type="button" value="v"/>
Description (if other):	lb/hr
Have you attached a diagram showing the location and/or the configuration of this equipment?	Yes <input type="button" value="v"/>
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No <input type="button" value="v"/>
Comments:	

26188 FRAZIER INDUSTRIAL CO BOP190002 E24 (Emergency Generator)
Print Date: 12/16/2020

Make:	Foley Power Systems	
Manufacturer:	Caterpillar	
Model:	Cat Model 3412 Diesel Standby 300	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	6.02	
Will the equipment be used in excess of 500 hours per year?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
Have you attached a diagram showing the location and/or the configuration of this equipment?	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:	749 HP @ 1800 RPM	

FRAZIER INDUSTRIAL CO (26188)
BOP190002

Date: 1/28/2021

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	
PT11	Generator	Emergency Generator Stack	Round	8	11	60	850.0	68.0	1,187.0	3,000.0	0.0	4,550.0	Up	
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	

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	OP Weld 1	Open Process Weld Machine 1	Normal - Steady State	E5		PT10 PT4 PT5	3-09-999-99							

FRAZIER INDUSTRIAL CO (26188)
BOP190002

Date: 1/28/2021

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	OP Weld 2	Open Process Weld Machine 2	Normal - Steady State	E9		PT10 PT4 PT5	3-09-999-99							
OS3	OP Weld 3	Open Process Weld Machine 3	Normal - Steady State	E10		PT10 PT4 PT5	3-09-999-99							
OS4	OP Weld 4	Open Process Weld Machine 4	Normal - Steady State	E11		PT10 PT4 PT5	3-09-999-99							
OS5	OP Weld 5	Open Process Weld Machine 5	Normal - Steady State	E12		PT10 PT4 PT5	3-09-999-99							
OS6	OP Weld 6	Open Process Weld Machine 6	Normal - Steady State	E13		PT10 PT4 PT5	3-09-999-99							
OS7	OP Weld 7	Open Process Weld Machine 7	Normal - Steady State	E14		PT10 PT4 PT5	3-09-999-99							
OS8	OP Weld 8	Open Process Weld Machine 8	Normal - Steady State	E15		PT10 PT4 PT5	3-09-999-99							
OS9	OP Weld 9	Open Process Weld Machine 9	Normal - Steady State	E16		PT10 PT4 PT5	3-09-999-99							

FRAZIER INDUSTRIAL CO (26188)
BOP190002

Date: 1/28/2021

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	OP Weld 10	Open Process Weld Machine 10	Normal - Steady State	E17		PT10 PT4 PT5	3-09-999-99							
OS11	OP Weld 11	Open Process Weld Machine 11	Normal - Steady State	E18		PT10 PT4 PT5	3-09-999-99							
OS12	OP Weld 12	Open Process Weld Machine 12	Normal - Steady State	E19		PT10 PT4 PT5	3-09-999-99							
OS13	OP Weld 13	Open Process Weld Machine 13	Normal - Steady State	E20		PT10 PT4 PT5	3-09-999-99							
OS14	OP Weld 14	Open Process Weld Machine 14	Normal - Steady State	E21		PT10 PT4 PT5	3-09-999-99							
OS15	OP Weld 15	Open Process Weld Machine 15	Normal - Steady State	E22		PT10 PT4 PT5	3-09-999-99							
OS16	Auto Weld 1	Automatic welding machine	Normal - Steady State	E23		PT10 PT4 PT5	3-09-999-99							

