State of New Jersey

PHILIP D. MURPHY
Governor

TAHESHA L. WAY
Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

SHAWN M. LATOURETTE
Commissioner

Air Pollution Control Operating Permit
Significant Modification

Permit Activity Number: BOP230001 **Program Interest Number: 61023**

Mailing Address	Plant Location
HOWARD ERNY QUALITY SUPERVISOR B WAY CORP 6 LITHO RD Lawrence Twp, NJ 08648	B-WAY CORPORATION 6 Litho Rd Lawrence Twp Mercer County

Initial Operating Permit Approval Date: **November 29, 2000**

Operating Permit Approval Date: **DRAFT**

Operating Permit Expiration Date: **November 28, 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: https://dep.nj.gov/boss. After accessing the website, click on "Approved Operating Permits" listed under "Reports" and then type in the Program Interest (PI) Number as instructed on the screen. If needed, the RADIUS file for your permit, containing Facility Specific Requirements (Compliance Plan), Inventories and Compliance Schedules can be obtained by contacting the Helpline number given below. RADIUS software, instructions, and help are available at the Department's website at https://dep.nj.gov/boss.

HELPLINE

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

RENEWING YOUR OPERATING PERMIT AND APPLICATION SHIELD

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

COMPLIANCE ASSURANCE MONITORING

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

ADMINISTRATIVE HEARING REQUEST

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

If you have any questions regarding this permit approval, please call William Forero at (609) 292-1079.

Approved by:

_____
Michael Mankbadi

Enclosure

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

Facility Name: B-WAY CORPORATION
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Section A

Facility Name: B-WAY CORPORATION
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POLLUTANT EMISSIONS SUMMARY

Table 1: Total emissions from all Significant Source Operations[1] 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)	$PM_{2.5}$[2] (total)	Pb	HAPs* (total)	CO_2e[3]
Emission Units Summary	75	5.89	4.96	N/A	2.34	2.34	2.19	N/A	17.9	
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	75	5.89	4.96	N/A	2.34	2.34	2.19	N/A	17.9	9,256

Table 2: Estimate of total emissions from all Insignificant Source Operations[1] 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)	$PM_{2.5}$[2] (total)	Pb	HAPs (total)
Insignificant Source Operations	0.363	4.81	1.34	0.029	0.575	0.573	N/A	N/A	N/A
Non-Source Fugitive Emissions	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

VOC: Volatile Organic Compounds
NOx: Nitrogen Oxides
CO: Carbon Monoxide
SO_2: Sulfur Dioxide
TSP: Total Suspended Particulates
Other: Any other air contaminant regulated under the Federal CAA
PM_{10}: Particulates under 10 microns
$PM_{2.5}$: Particulates under 2.5 microns
Pb: Lead
HAPs: Hazardous Air Pollutants
CO_2e: 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] $PM_{2.5}$ has been included in air permitting rules as of December 9, 2017. Consequently, $PM_{2.5}$ totals in this section may not be up to date. The Department is in the process of updating these limits during each permit modification, and the entire permit will be updated at the time of permit renewal.
[3] Total CO_2e emissions for the facility.

Section A

Facility Name: B-WAY CORPORATION
Program Interest Number: 61023
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POLLUTANT EMISSIONS SUMMARY

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

HAP	TPY
Ethyl acrylate	0.4
Ethylbenzene	2.4
Isophorone	1.9
Manganese compounds	0.219
Methyl isobutyl ketone	5.3
Phenol	0.193
Xylene	7.5

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: B-WAY CORPORATION
Program Interest Number: 61023
Permit Activity Number: BOP230001

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 https://dep.nj.gov/boss/applications-and-forms/ (Attachment to the RADIUS Operating Permit Renewal Application). Both the RADIUS application and the Application Attachment, along with any other supporting documents must be submitted using the Department's Portal

at: https://njdeponline.com/. The application is considered timely if it is received at least 12 months before the expiration date of the operating permit. To be deemed administratively complete, the renewal application shall include all information required by the application form for the renewal and the information required pursuant to N.J.A.C. 7:27-22.30(d). However, consistent with N.J.A.C. 7:27-22.30(c), the permittee is encouraged to submit the renewal application at least 15 months prior to expiration of the operating permit, so that any deficiencies can be identified and addressed to ensure that the application is administratively complete by the renewal deadline. Only renewal applications which are timely and administratively complete are eligible for an application shield.

21. For all source emissions testing performed at the facility, the phrase "worst case conditions without creating an unsafe condition" used in the enclosed compliance plan is consistent with EPA's National Stack Testing Guidance, dated April 27, 2009, where all source emission testing performed at the facility shall be under the representative (normal) conditions that:

    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: B-WAY CORPORATION
Program Interest Number: 61023
Permit Activity Number: BOP230001

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:

SECTION	SUBJECT ITEM	ITEM #	REF. #
B	---	1	---
B	---	10b	---
D	FC	---	3
D	FC	---	9

Section D

Facility Name: B-WAY CORPORATION
Program Interest Number: 61023
Permit Activity Number: BOP230001

FACILITY SPECIFIC REQUIREMENTS AND INVENTORIES

FACILITY SPECIFIC REQUIREMENTS PAGE INDEX

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

New Jersey Department of Environmental Protection
Reason for Application

Permit Being Modified

Permit Class: BOP **Number:** 230002

Description of Modifications: This is a Permit Modification and includes the following changes:

This permit modification application updates the monthly opacity Monitoring and Recordkeeping requirements pertaining to the no-visible emissions requirement in U1, OS18 - Metal Grinding of pails. There are two layers to the monitoring and recordkeeping requirements. (1) When no visible emissions are observed during the initial observation, that result is recorded and the requirement is satisfied and (2) when visible emissions are observed, the observer will observe for a minimum duration of 30 minutes to determine if visible emissions occur for more than 3 minutes in a 30-consecutive minute period and, if so, to verify the equipment and/or control device causing visible emissions is operating according to manufacturer's specifications and to take corrective action immediately to eliminate the excess emissions. If the visible emissions problem is not corrected within 24 hours, a certified opacity reader shall perform an opacity observation, in accordance with N.J.A.C. 7:27B-2 each day until the opacity problem is successfully corrected.

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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

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

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **IS1 Hot Water Heater, IS4 Locker Room Hot Water Heater, IS6 New Office Hot Water Heater, IS101 Space heaters from various locations**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] & [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **IS3 Parts Cleaner**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The following provisions (Ref. #2 through 7) shall apply to a cold cleaning machine, that uses two gallons or more of solvents containing greater than five percent VOC content by weight for the cleaning of metal parts, and to any heated cleaning machine. [N.J.A.C. 7:27-16.6(j)]	None.	None.	None.
2	No person shall add solvent to a cold cleaning machine or a heated cleaning machine, or cause, suffer, allow, or permit the machine to be operated, unless the following requirements are met: i. If the machine is an immersion cold cleaning machine or heated cleaning machine, it shall have: (1) A freeboard ratio of 0.75 or greater; and (2) A visible fill line and a high level liquid mark; ii. The machine shall have a permanent, conspicuous label placed in a prominent location on the machine setting forth the applicable provisions of the operating requirements in (j)2 below; and iii. The machine shall be equipped with: (1) 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; and (2) If the machine is a heated cleaning machine, a thermostat. [N.J.A.C. 7:27-16.6(j)1]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	A person shall operate a cold cleaning machine or a heated cleaning machine in accordance with the following procedures: i. 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; ii. 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; iii. 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)2i, ii] and. [N.J.A.C. 7:27-16.6(j)2iii]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
4	A person shall operate a cold cleaning machine or a heated cleaning machine in accordance with the following procedures: iv. 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; v. Sponges, fabric, leather, paper products and other absorbent materials shall not be cleaned in the machine; vi. 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; vii. 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; viii. 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)2iv through vii] and. [N.J.A.C. 7:27-16.6(j)2]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	A person shall operate a cold cleaning machine or a heated cleaning machine in accordance with the following procedures: ix. Work area fans shall be located and positioned so that they do not blow across the opening of the degreaser unit; and x. If the machine is a heated cleaning machine, the solvent shall be maintained at a temperature that is below its boiling point. [N.J.A.C. 7:27-16.6(j)2ix] and [N.J.A.C. 7:27-16.6(j)2x]	None.	None.	None.
6	A person shall not use, in a cold cleaning machine or a heated 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	A person who owns or operates a cold cleaning machine or a heated cleaning machine 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: 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 to 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)4i through iv] and. [N.J.A.C. 7:27-16.6(j)4v]	None.	Other: Maintain readily available records for two years[N.J.A.C. 7:27-16.6(j)4].	None.
8	Solvent must contain less than 5% by weight of any combination of methylene chloride, perchloroethylene, 1,1,1-trichloroethane, carbon tetrachloride and chloroform. MACT Subpart T. [40 CFR 63]	Other: At the time of filling, confirm by MSDS or bill of lading.[40 CFR 63].	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **GR1 Annual Fuel Use Limit for natural gas consuming equipment**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Natural Gas Usage <= 154 MMft^3/yr. Annual fuel use limit for Thermal Oxidizer and all other natural gas consuming equipment. [N.J.A.C. 7:27-22.16(a)]	Natural Gas Usage: Monitored by fuel flow/firing rate instrument continuously, based on a consecutive 12 month period (rolling 1 month basis). [N.J.A.C. 7:27-22.16(o)]	Natural Gas Usage: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Record the calculated natural gas consumption (Standard Cubic Feet) for any 12 consecutive months, computed by adding the fuel consumed in a given month to that consumed in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	STACK TESTING SUMMARY The permittee shall conduct a stack test at least 18 months prior to the expiration of the renewed operating permit using an approved protocol to demonstrate compliance with emission limits for VOC, CO, THC, as specified in the compliance plan for U1-OS summary and OS1 thru OS17, and OS21 thru OS24. Testing must be conducted at worst-case permitted operating conditions with regard to meeting the applicable emission standards, but without creating an unsafe condition. The permittee may propose, in the stack test protocol, to use CEMS data to satisfy the stack testing requirements, for NOx and/or CO, with EMS approval. In order for EMS to approve using CEMS data at the time of the stack test, the CEMS must be certified and be in compliance with all daily, quarterly and annual quality assurance requirements. The CEMS shall monitor and record emissions in units identical to those required by the applicable stack testing conditions of this permit. CEMS data, if allowed by this permit, shall be taken at the same worst-case conditions as described above. [N.J.A.C. 7:27-22.16(a)]	Other: Monitoring as required under the applicable operating scenario(s). [N.J.A.C. 7:27-22.16(o)].	Other: Recordkeeping as required under the applicable operating scenario(s). [N.J.A.C. 7:27-22.16(o)].	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. Submit a stack test protocol to the Emission Measurement Section (EMS) at Mail Code: 09-01, PO Box 420, Trenton, NJ 08625 at least 30 months prior to the expiration of the approved operating permit. The protocol and test report must be prepared and submitted on a CD using the Electronic Reporting Tool (ERT), unless another format is approved by EMS. The ERT program can be downloaded at: https://www.epa.gov/chief. Within 30 days of protocol approval or no less than 60 days prior to the testing deadline, whichever is later, the permittee must contact EMS at 609-984-3443 to schedule a mutually acceptable test date. A full stack test report must be submitted to EMS and a certified summary test report must be submitted to the Regional Enforcement Office within 45 days after performing the stack test pursuant to N.J.A.C. 7:27-22.19(d). The test results must be certified by a licensed professional engineer or certified industrial hygienist. [N.J.A.C. 7:27-22.18(e)] and [N.J.A.C. 7:27-22.18(h)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
2	VOC Destruction and Capture Efficiency >= 90 % capture and % DRE of the VOC emissions from the source operation and prevent from being discharged into the outdoor atmosphere at least 90 percent by weight of the VOC capture. [N.J.A.C. 7:27-16.17(q)]	VOC Destruction and Capture Efficiency: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC Destruction and Capture Efficiency: Recordkeeping by stack test results prior to permit expiration date. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
3	Destruction and Removal Efficiency >= 95 % by weight. The Thermal Oxidizer (as defined by N.J.A.C. 7:27-16.1) shall be designed to operate at a minimum VOC destruction and removal efficiency (DRE) of 99 percent and shall operate at no less than 95 percent, with the exception of TXS (as defined by N.J.A.C. 7:27-17.3) for which it shall operate at no less than 99 percent control. [N.J.A.C. 7:27-22.16(e)]	Destruction and Removal Efficiency: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Destruction and Removal Efficiency: Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	THC Concentration <= 50 ppmvd corrected to 7% O2 concentration in the flue gas. As an alternative to the 95% destruction efficiency requirement. Total Hydrocarbons (THC) including methane when flue gas oxygen concentration is less than, or equal to 14%. [N.J.A.C. 7:27-22.16(a)]	THC Concentration: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	THC Concentration: Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	THC Concentration <= 25 ppmvd uncorrected for O2 concentrations in the flue gas. As an alternative to the 95% destruction efficiency requirement. Total Hydrocarbons (THC) including methane uncorrected when the flue gas oxygen concentration is greater than 14%. [N.J.A.C. 7:27-22.16(a)]	THC Concentration: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	THC Concentration: Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
6	CO <= 100 ppmvd @ 7% O2. Maximum concentration when oxygen concentration is less than or, equal to 14%. The CO limit shall not apply when the coaters and printers are not introducing VOCs into the oxidizer. [N.J.A.C. 7:27-22.16(a)]	CO: Monitored by continuous emission monitoring system continuously, based on a 1 hour rolling average (rolling 1 minute basis). See CEMs/COMs REQUIREMENTS SUMMARY at U1 OS Summary. [N.J.A.C. 7:27-22.16(o)]	CO: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. See CEMs/COMs REQUIREMENTS SUMMARY at U1 OS Summary. [N.J.A.C. 7:27-22.16(o)]	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): On or before every April 30, July 30, October 30, and January 30 for the preceding calendar quarter (the calendar quarters begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal starting with the quarter in which the Performance Specification Test was conducted, for review and approval. Quarterly EEMPR reports shall include all quarterly and annual QA data. This report shall be submitted whether or not an emission exceedance has occurred. [N.J.A.C. 7:27-22.16(o)]
7	CO <= 50 ppmvd uncorrected for O2 concentrations in the flue gas as maximum concentration when oxygen concentration is greater than 14%. The CO limit shall not apply when the coaters and printers are not introducing VOCs into the oxidizer. [N.J.A.C. 7:27-22.16(a)]	CO: Monitored by continuous emission monitoring system continuously, based on a 1 hour rolling average (rolling 1 minute basis). See CEMs/COMs REQUIREMENTS SUMMARY at U1 OS Summary. [N.J.A.C. 7:27-22.16(o)]	CO: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. See CEMs/COMs REQUIREMENTS SUMMARY at U1 OS Summary. [N.J.A.C. 7:27-22.16(o)]	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): On or before every April 30, July 30, October 30, and January 30 for the preceding calendar quarter (the calendar quarters begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal starting with the quarter in which the Performance Specification Test was conducted, for review and approval. Quarterly EEMPR reports shall include all quarterly and annual QA data. This report shall be submitted whether or not an emission exceedance has occurred. [N.J.A.C. 7:27-22.16(o)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
8	CEMS/COMS REQUIREMENTS SUMMARY The Permittee shall operate CEMS according to the approved certification and in compliance with daily, quarterly, and annual quality assurance requirements. The CEMS shall include continuous monitoring of all necessary parameters (e.g. oxygen, moisture, temperature, flow rate) to allow the required corrections to be applied to demonstrate compliance with the emission limits. The Permittee shall request approval from the Department's Emission Measurement Section (EMS) to allow continued use of the existing CEMS when a change to the units of measurement is made to a permit limit. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Maintain readily accessible records of the Permittee's written request to EMS, and the response from EMS.[N.J.A.C. 7:27-22.16(o)].	Comply with the requirement: Upon occurrence of event. Submit a written request to the EMS within 30 days from the date of the approved operating permit to determine whether a full CEMS recertification is required, whether the change can follow the procedures for data recording and storage equipment upgrades found in the Department's Technical Manual 1005 Section IV.B.3(f), or if continued use of the existing CEMS is allowed. [N.J.A.C. 7:27-22]
9	The owner or operator shall develop a QA/QC plan for each CEMS/COMS required by this permit prepared in accordance with the NJDEP Technical Manual 1005 posted on the AQPP webpage at http://www.state.nj.us/dep/aqpp. [N.J.A.C. 7:27-22.16(a)]	Other: The QA/QC coordinator shall be responsible for reviewing the QA/QC plan on an annual basis. [N.J.A.C. 7:27-22.16(o)].	Other: Maintain readily accessible records of the QA/QC plan including QA data and quarterly reports. [N.J.A.C. 7:27-22.16(o)].	None.
10	VOC (Total) <= 75 tons/yr. including source fugitive emission of 1.58 tons/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). Calculations shall be based on coating usage, VOC weight percent content in the coating formulations. [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. The VOCs during any one month shall be added to any 12 consecutive months, computed by adding the VOCs in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
11	VOC (Total) <= 20.33 lb/hr. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
12	NOx (Total) <= 3.85 tons/yr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
13	CO <= 3.23 tons/yr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
14	TSP <= 2.19 tons/yr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
15	PM-10 (Total) <= 2.19 tons/yr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
16	PM-2.5 (Total) <= 2.19 tons/yr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
17	HAPs (Total) <= 17.9 tons/yr. [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 for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
18	Ethyl acrylate <= 0.4 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
19	Ethylbenzene <= 2.4 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [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
20	Isophorone <= 1.9 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
21	Manganese compounds <= 0.219 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Manganese compounds: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Manganese compounds: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
22	Methyl isobutyl ketone (MIBK) <= 5.3 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
23	Phenol <= 0.193 tons/yr. [N.J.A.C. 7:27-22.16(a)]	Phenol: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Phenol: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [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
24	Xylene <= 7.5 tons/yr. [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). Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting through the thermal oxidizer. [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 for any 12 consecutive months. The HAP emissions during any one month shall be added to any 12 consecutive months, computed by adding the HAP emissions in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
25	All monitors and recorders shall be maintained and calibrated according to manufacturer's specifications. [N.J.A.C. 7:27-22.16(e)]	None.	Other: Keep manufacturer's specifications, and maintenance records.[N.J.A.C. 7:27-22.16(o)].	None.
26	Thermal oxidizer should capture all sources' exhaust 100% before control, except OS17 (Side Stripe coating) source exhaust reduced to 60% capture. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep manufacturer's specifications, and maintenance records.[N.J.A.C. 7:27-22.16(o)].	None.
27	Maximum Gross Heat Input <= 8 MMBTU/hr (HHV) of the Thermal Oxidizer (CD1). Fuel shall be limited to natural gas. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing maximum rated heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
28	Temperature at Exit of Combustion Chamber >= 1,500 degrees F . [N.J.A.C. 7:27-22.16(a)]	Temperature at Exit of Combustion Chamber: Monitored by temperature instrument continuously, based on 1 minute intervals. The monitor(s) shall be ranged such that the allowable value is approximately mid-scale of the full range current/voltage output. The temperature monitor instrument shall include an alarm. The sensor shall be installed at the exit of the combustion chamber and it shall be properly shielded from direct contact with the flame. The alarm shall be designed to sound when temperatures less than the permitted operating temperature are detected. [N.J.A.C. 7:27-16.7(n)2]. [N.J.A.C. 7:27-22.16(o)]	Temperature at Exit of Combustion Chamber: Recordkeeping by strip chart or data acquisition (DAS) system continuously. The thermal oxidizer controling VOC emissions, shall record the operating temperature at the exit of the combustion chamber. [N.J.A.C. 7:27-16.7(n)2]. [N.J.A.C. 7:27-22.16(o)]	None.
29	Residence Time >= 0.5 seconds length of the time of gases in the thermal oxidizer (CD1). [N.J.A.C. 7:27-22.16(e)]	None.	Other: Keep manufacturing design construction documents.[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
30	Thermal Oxidizer shall not be shut down until all air contaminants have been purged from the air handling systems after source shutdown. [N.J.A.C. 7:27-22.16(e)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. Keep records of the shut down process available for review at the request of the Department. [N.J.A.C. 7:27-22.16(o)]	None.
31	Total Throughput <= 390,000 gal/yr over any 12 consecutive month period, applying to the coating usage limit total for all 6 operating scenarios (OS1,OS4,OS6,OS8,OS10, and OS12). [N.J.A.C. 7:27-22.16(a)]	Total Throughput: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Monitor coating usage each month. [N.J.A.C. 7:27-22.16(o)]	Total Throughput: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Total coating used during any one month shall be added to the running total of preceding 11 months for annual coating usage record(s). [N.J.A.C. 7:27-22.16(o)]	None.
32	Total Throughput <= 123,000 gal/yr Low VOC coating limit over any 12 consecutive month period, applying to (OS2,and OS13) combined. [N.J.A.C. 7:27-22.16(a)]	Total Throughput: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Monitor coating usage each month. [N.J.A.C. 7:27-22.16(o)]	Total Throughput: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Total coating used during any one month shall be added to the running total of preceding 11 months for annual coating usage record(s). [N.J.A.C. 7:27-22.16(o)]	None.
33	Total Throughput <= 109,500 gal/yr Steel Pail coating limit over any 12 consecutive month period, applying to (OS15). [N.J.A.C. 7:27-22.16(a)]	Total Throughput: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Monitor coating usage each month. [N.J.A.C. 7:27-22.16(o)]	Total Throughput: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Total coating used during any one month shall be added to the running total of preceding 11 months for annual coating usage record(s). [N.J.A.C. 7:27-22.16(o)]	None.
34	Total Throughput <= 2,800 gal/yr Side Stripe coating limit over any 12 consecutive month period, applying to (OS17). [N.J.A.C. 7:27-22.16(e)]	Total Throughput: Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Monitor coating usage each month. [N.J.A.C. 7:27-22.16(o)]	Total Throughput: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Total coating used during any one month shall be added to the running total of preceding 11 months for annual coating usage record(s). [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS1 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS2 Printing Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 1 lb/hr. Maximum emission rate from OS2 (Line 2 press, E200) and OS13 (Line 7 press, E13) combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	Manganese compounds <= 0.05 lb/hr. Maximum emission rate from OS2 (Line 2 press, E200) and OS13 (Line 7 press, E13) combined. [N.J.A.C. 7:27-22.16(a)]	Manganese compounds: Monitored by calculations each month during operation during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% destruction removal efficiency (DRE) by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Manganese compounds: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS3 Curing of Steel Sheets in 1.6 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 0.96 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combine. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.157 lb/hr. Maximum emission rate from curing oven, E3. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.132 lb/hr. Maximum emission rate from curing oven, E3. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.6 MMBTU/hr (HHV) applicable to each curing oven individually. Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS4 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS5 Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 1.05 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.172 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.144 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.75 MMBTU/hr (HHV) Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS6 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS7 Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 1.05 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.172 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.144 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.75 MMBTU/hr (HHV) Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS8 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS9 Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 1.05 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.172 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.144 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.75 MMBTU/hr (HHV) Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS10 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS11 Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 1.05 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.172 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.144 lb/hr. Maximum emission rate from the curing oven. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.75 MMBTU/hr (HHV) Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS12 Coating Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from all coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	HAPs <= 4.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	HAPs: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. Sum-up individual HAP emission for HAPs total. [N.J.A.C. 7:27-22.16(o)]	HAPs: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	Ethyl acrylate <= 0.1 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethyl acrylate: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethyl acrylate: 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.
8	Ethylbenzene <= 0.6 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Ethylbenzene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Ethylbenzene: 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.
9	Isophorone <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Isophorone: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Isophorone: 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.
10	Methyl isobutyl ketone (MIBK) <= 1.2 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Methyl isobutyl ketone (MIBK): Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Methyl isobutyl ketone (MIBK): 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.
11	Xylene <= 1.7 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	Xylene: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [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. [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
12	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS13 Printing Steel Sheets

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 1 lb/hr. Maximum emission rate from OS2 (Line 2 press, E200) and OS13 (Line 7 press, E13) combined. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	Manganese compounds <= 0.05 lb/hr. Maximum emission rate from OS2 (Line 2 press, E200) and OS13 (Line 7 press, E13) combined. [N.J.A.C. 7:27-22.16(a)]	Manganese compounds: Monitored by calculations each month during operation during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% destruction removal efficiency (DRE) by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Manganese compounds: 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.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS14 Curing of Steel Sheets in 1.6 MMBTU/hr Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] and. [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 0.96 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.
3	VOC (Total) <= 15.28 lb/hr. Maximum emission rate from non-compliant coatings used on operating scenarios OS1, OS3 thru OS12, and OS14 combine. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
4	NOx (Total) <= 0.157 lb/hr. Maximum emission rate from curing oven, E3. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	CO <= 0.132 lb/hr. Maximum emission rate from curing oven, E3. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 1.6 MMBTU/hr (HHV) applicable to each curing oven individually. Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records showing the maximum heat input rate.[N.J.A.C. 7:27-22.16(o)].	None.
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS15 Spray Pail Coating in Spray Enclosure

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 4.02 lb/hr. Maximum emission rate based on proposed steel pail coating. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	Phenol <= 0.055 lb/hr. Maximum emission rate based on proposed steel pail coating. [N.J.A.C. 7:27-22.16(a)]	Phenol: Monitored by calculations each month during operation. Calculations shall be based on the quantity and HAP content of each coating formulation, 100% capture efficiency, and 95% DRE by venting to the thermal oxidizer. [N.J.A.C. 7:27-22.16(o)]	Phenol: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Maintain records on site, readily available for DEP enforcement inspection. [N.J.A.C. 7:27-22.16(o)]	None.
7	Total Production Rate <= 15.64 gal/hr or 375 gallons/day coating applying rate based on proposed steel pail coating. [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
8	Hours of Operation <= 7,000 hr/yr. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS16 Spray Pail Oven, 1.0 MMBtu/hr Two-Zone Oven (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] & [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	Particulate Emissions <= 0.6 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.
3	NOx (Total) <= 0.098 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	CO <= 0.082 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	Hours of Operation <= 7,000 hours. Maximum annually hours for coating operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
7	Maximum Gross Heat Input <= 1 MMBTU/hr (HHV). Fuel type limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep records of the maximum heat input rate[N.J.A.C. 7:27-22.16(o)].	None.
8	Natural Gas Usage <= 6.86 MMft^3/yr. Annual natural gas consumption limit based on 7,000 operating hours/year. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep available for review the facility wide fuel used records as per GR1 upon the Department's request.[N.J.A.C. 7:27-22.16(o)].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS17 Side Stripe Paint on Pail

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.833 lb/hr. Allowable emission rate based on 0.02 grains per Standard Cubic Feet (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 0.034 lb/hr. Maximum emission rate after thermal oxidizer from reduced capture efficiency (60%). . [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See stack testing SUMMARY in OS Summary. [N.J.A.C. 7:27-22.16(o)]
5	VOC (Total) <= 0.452 lb/hr. Maximum fugitive emission rate. [N.J.A.C. 7:27-22.16(a)]	Other: Initial Calculations.[N.J.A.C. 7:27-22.16(o)].	Other: Mantained Initial Calculations[N.J.A.C. 7:27-22.16(o)].	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Total Production Rate <= 0.4 gal/hr , coating applying rate based on revised pail side stripe coating. [N.J.A.C. 7:27-22.16(a)]	None.	Total Production Rate: Recordkeeping by production records upon occurrence of event. Records shall be kept on site, readily available for DEP enforcement inspection. [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
8	Coating Usage <= 2,800 gal/yr for any 12 consecutive months, computed by adding the coating material processed in a given month to that processed in the preceding 11 months. [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) Monitored by coating usage each month. Coating usage during any one month shall be added to the running total of the coating usage during preceding months of the calendar year. [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. Total coating usage for any 12 consecutive months by adding the coating material processed in a given month to that processed in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.
9	Hours of Operation <= 7,000 hours. Side stripe painting on pail operation limit, in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS18 Metal grinding of pails (equipped with a cyclone bag house)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.5 lb/hr. Allowable emission rate based on 99% of collection efficiency. [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	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)] and [N.J.A.C. 7:27- 6.2(e)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	No visible emissions: Grinding equipment shall not be used in a manner that will cause visible emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	Monitored by visual determination each month during operation. Conduct visual inspections during daylight hours to identify if the stack has visible emissions, other than condensed water vapor. If no visible emissions are observed, document results of observations in a logbook or computer system. . If visible emissions are observed, select an observation position enabling clear view of emission point(s), minimum 15 feet away without sunlight shining directly into the eyes. Observe for a minimum duration of 30 minutes. Clock observation with two stopwatches starting the 1st watch at the commencement of the 30-minute observation period and starting and stopping the 2nd watch every time visible emissions are first seen and when they cease and record the observation. If visible emissions are observed for more than 3 minutes in the 30-consecutive minutes: (1) Verify the equipment and/or control device causing visible emissions is operating according to manufacturer's specifications. If it is not operating properly, take corrective action immediately to eliminate the excess emissions. (2) If the visible emissions problem is not corrected within 24 hours, a certified opacity reader shall perform an opacity observation, in accordance with N.J.A.C. 7:27B-2. each day until the opacity problem is successfully corrected. . [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The permittee must manually or electronically log and retain the following records: (1) Date and time of inspection; (2) Emission point number; (3) Operational status of equipment; (4) Observed results and conclusions; (5) Description of corrective action taken if needed; (6) Date and time opacity problem was solved, if applicable; (7) N.J.A.C. 7:27B-2 results, if conducted, and (8) Name of person(s) conducting inspection. [N.J.A.C. 7:27-22.16(o)]	None.
4	Sternvent CYD3015 cyclone (CD2) shall operate at all times while sheet metal grinding is performed. [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. [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
5	Particulate Removal Efficiency >= 99 %. [N.J.A.C. 7:27-22.16(a)]	None.	Other: Keep on site the manufacturer specifications, readily available for DEP enforcement inspection.[N.J.A.C. 7:27-22.16(o)].	None.
6	TSP <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	PM-10 (Total) <= 0.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
8	PM-2.5 (Total) <= 0.5 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
9	Total Production Rate <= 5,000 lb/hr of metal sheets. Maximum metal sheet feed rate to the grinder. [N.J.A.C. 7:27-22.16(a)]	Total Production Rate: Monitored by material feed/flow monitoring once per shift during operation. [N.J.A.C. 7:27-22.16(o)]	Total Production Rate: Recordkeeping by production records once per shift during operation. Records shall be kept on site, readily available for DEP enforcement inspection. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS19 Mixer A for Spray Booth

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.5 lb/hr. Allowable emission rate base on 0.02 grains per standard cubic foot (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 3.5 lb/hr. Maximum allowable emission rate, as determined by procedure in N.J.A.C. 7:27-16.16(d) (from tables 16A and 16B, based on VOC vapor pressure and percent VOC in source gas). [N.J.A.C. 7:27-16.16(c)]	Other: Monitored by VOC coating data provided by supplier once initially and per change of material. Conduct an analysis of the source operation, which demonstrates that, under operating conditions that maximize the VOC emissions after any control, the VOC emission rate of the source operation is in compliance with this section; and maintain process records sufficient to demonstrate whether the VOC emission rate of the source operation from actual operations does not exceed the VOC emission rate under operating conditions.[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 once initially. Per formulation. Keep supplier data on file. Record the following information determined in accordance with the Procedure for Using Table 16A in N.J.A.C. 7:27-16.16(c): the chemical name and vapor pressure of each VOC used, the percent concentration by volume of VOC in the source gas, the volumetric gas flow rate, the source gas range classification, and the maximum allowable emission rate; also record the maximum actual emission rate and maintain the calculations and any test data used to determine the actual emission rate for each process; and, if the source operation is used for more than one process, record the dates on which the source operation is used for each process.[N.J.A.C. 7:27-16.16(g)1(i)] &. [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
5	VOC (Total) <= 0.242 lb/hr. Maximum emission rate for each mixer. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Hours of Operation <= 5,840 hours. Maximum annually hours for coating operations in any 12 consecutive month period. Applicable to Mixer A. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS20 Mixer B for Spray Booth

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.5 lb/hr. Allowable emission rate base on 0.02 grains per standard cubic foot (SCF). [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	VOC (Total) <= 3.5 lb/hr. Maximum allowable emission rate, as determined by procedure in N.J.A.C. 7:27-16.16(d) (from tables 16A and 16B, based on VOC vapor pressure and percent VOC in source gas). [N.J.A.C. 7:27-16.16(c)]	Other: Monitored by VOC coating data provided by supplier once initially and per change of material. Conduct an analysis of the source operation, which demonstrates that, under operating conditions that maximize the VOC emissions after any control, the VOC emission rate of the source operation is in compliance with this section; and maintain process records sufficient to demonstrate whether the VOC emission rate of the source operation from actual operations does not exceed the VOC emission rate under operating conditions.[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 once initially. Per formulation. Keep supplier data on file. Record the following information determined in accordance with the Procedure for Using Table 16A in N.J.A.C. 7:27-16.16(c): the chemical name and vapor pressure of each VOC used, the percent concentration by volume of VOC in the source gas, the volumetric gas flow rate, the source gas range classification, and the maximum allowable emission rate; also record the maximum actual emission rate and maintain the calculations and any test data used to determine the actual emission rate for each process; and, if the source operation is used for more than one process, record the dates on which the source operation is used for each process.[N.J.A.C. 7:27-16.16(g)1(i)] &. [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
5	VOC (Total) <= 0.242 lb/hr. Maximum emission rate for each mixer. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Hours of Operation <= 5,840 hours. Maximum annually hours for coating operations in any 12 consecutive month period. Applicable to Mixer A. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor each month during operation, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U1 Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)
Operating Scenario: OS21 Mixing at Line 2 (CO3), OS22 Mixing at Line 3 (CO4), OS23 Mixing at Line 4 (CO5), OS24 Mixing at Line 5 (CO6)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.5 lb/hr. Allowable emission rate base on 0.02 grains per standard cubic feet (SCF). . [N.J.A.C. 7:27- 6.2(a)]	None.	None.	None.
2	Opacity <= 20 %. Opacity greater than 20%, exclusive of condensed water vapor, shall not exceed a period of three 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.
3	No Visible Emissions, exclusive of condensed water vapor, except for no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	No person shall cause, suffer, allow, or permit any VOC to be emitted into the outdoor atmosphere from any source operation subject to the provisions of this section, in excess of the maximum allowable emission rate, as determined in accordance with the procedure in N.J.A.C.7:27-16.16(d). [N.J.A.C. 7:27-16.16(c)]	Other: Conduct an analysis of the source operation, which demonstrates that, under worst case operating conditions that maximize the VOC emissions after any control, the VOC emission rate of the source operation is in compliance with this section; and maintain process records sufficient to demonstrate whether the VOC emission rate of the source operation from actual operations does not exceed the VOC emission rate under worst case operating conditions.[N.J.A.C. 7:27-16.16(g)ii].	Other: Any person responsible for a source operation subject to [N.J.A.C.7:27-16.16(c)] shall maintain the record on a continuous basis the operating temperature of the thermal oxidizer at the exit of the combustion chamber, and shall maintain the required records for a period of no less than five years and shall make those records available upon the request of the Department or the EPA, or any duly authorized representative of the Department or the EPA. [N.J.A.C. 7:27-16.16(g)2] and[N.J.A.C. 7:27-22.16(a)].	None.
5	VOC (Total) <= 3.5 lb/hr. Maximum allowable VOC emission rate. [N.J.A.C. 7:27-16.16(c)]	None.	None.	None.
6	VOC (Total) <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	TSP <= 0.05 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U4 7.425 MM Btu/hr Natural Gas Fired Makeup Air Unit (GR1)
Operating Scenario: OS Summary

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	No visible emissions except for a period of not longer than three minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-3.2(a)] & [N.J.A.C. 7:27- 3.2(c)]	None.	None.	None.
2	NOx (Total) <= 2.04 tons/yr. Maximum emission rate based on annual hours of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	CO <= 1.73 tons/yr. Maximum emission rate based on annual hours of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	TSP <= 0.154 tons/yr. Maximum emission rate based on annual hours of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	PM-10 (Total) <= 0.154 tons/yr. Maximum emission rate based on annual hours of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	PM-2.5 (Total) <= 0.154 tons/yr. Maximum emission rate based on annual hours of operation. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Maximum Gross Heat Input <= 7.43 MMBTU/hr (HHV). Burning Fuel type limited to natural gas only. [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.
8	Hours of Operation <= 5,500 hr/yr. Maximum annually hours of operations in any 12 consecutive month period. [N.J.A.C. 7:27-22.16(a)]	Hours of Operation: Monitored by hour/time monitor continuously, based on a consecutive 12 month period (rolling 1 month basis). [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 each month during operation. The hours during any one month shall be added to any 12 consecutive months, computed by adding the hours in a given month to that calculated in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: U4 7.425 MM Btu/hr Natural Gas Fired Makeup Air Unit (GR1)
Operating Scenario: OS1 Firing Natural Gas, 7.425 MMBtu/hr (GR1)

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 4.46 lb/hr. Particulate emission limit from the combustion of fuel based on rated heat input. [N.J.A.C. 7:27- 4.2(a)]	None.	None.	None.
2	NOx (Total) <= 0.74 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	CO <= 0.63 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	TSP <= 0.056 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	PM-10 (Total) <= 0.056 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	PM-2.5 (Total) <= 0.056 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

B-WAY CORPORATION (61023)
BOP230001

New Jersey Department of Environmental Protection
Facility Profile (General)

Facility Name (AIMS): B-WAY CORPORATION

Facility ID (AIMS): 61023

Street Address: 6 LITHO RD
LAWRENCEVILLE, NJ 08648

Mailing Address: 6 LITHO RD
LAWRENCEVILLE, NJ 08648

State Plane Coordinates:

X-Coordinate:	1,988,450
Y-Coordinate:	523,600
Units:	Long/Lat
Datum:	Unknown
Source Org.:	Other/Unknown
Source Type:	Other/Unknown

County: Mercer

Location Description:

Industry:

Primary SIC:	3479
Secondary SIC:	
NAICS:	332812

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: **Air Permit Information Contact**

Organization: B-WAY CORPORATION
Org. Type: Corporation
Name: HOWARD ERNY
NJ EIN: 67236700004
Title: QUALITY SUPERVISOR
Phone: (732) 997-4074 x
Fax: (732) 997-4055 x
Other: ( ) - x
Type:
Email: Howard.Erny@mauserpackaging.com
Mailing Address: 6 LITHO RD
Trenton, NJ 08648

Contact Type: **BOP - Operating Permits**

Organization: Mauser Packaging Solutions
Org. Type: Private
Name: Rick Manley
NJ EIN: 22292642800
Title: Senior Environmental Engineer
Phone: (732) 997-4050 x
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Type:
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Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08638

Contact Type: **Consultant**

Organization: PTP Consulting, Inc
Org. Type: Private
Name: Carol Brozosky
NJ EIN: 22292642800
Title: Senior Engineer
Phone: (856) 467-5400 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: carol@ehsprogress.com
Mailing Address: 1531 Kings Highway
Swedesboro, NJ 08085

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Emission Statements

Organization: B-WAY CORPORATION
Name: HOWARD ERNY
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Fax: (732) 997-4055 x
Other: ( ) - x
Type:
Email: Howard.Erny@mauserpackaging.com

Org. Type: Corporation
NJ EIN: 67236700004

Mailing Address: 6 LITHO RD
Trenton, NJ 08648

Contact Type: Environmental Officer

Organization: B-WAY CORPORATION
Name: HOWARD ERNY
Title: QUALITY SUPERVISOR
Phone: (732) 994-4074 x
Fax: (732) 997-4055 x
Other: ( ) - x
Type:
Email: Howard.Erny@mauserpackaging.com

Org. Type: Private
NJ EIN: 67236700004

Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08648

Contact Type: Fees/Billing Contact

Organization: B-WAY CORPORATION
Name: HOWARD ERNY
Title: QUALITY SUPERVISOR
Phone: (732) 994-4074 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: Howard.Erny@mauserpackaging.com

Org. Type: Private
NJ EIN: 67236700004

Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08648

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: **General Contact**

Organization: B-WAY CORPORATION
Name: HOWARD ERNY
Title: QUALITY SUPERVISOR
Phone: (732) 997-4074 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: Howard.Erny@mauserpackaging.com>

Org. Type: Corporation
NJ EIN: 67236700004

Mailing Address: 6 LITHO RD
Trenton, NJ 08648

Contact Type: **On-Site Manager**

Organization: B-WAY CORPORATION
Name: FRANK BOLLACI
Title: PLANT MANAGER
Phone: (732) 994-4052 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: Frank.Bollaci@mauserpackaging.com

Org. Type: Private
NJ EIN: 67236700004

Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08648

Contact Type: **Operator**

Organization: B-WAY CORPORATION
Name: FRANK BOLLACI
Title: PLANT MANAGER
Phone: (732) 997-4052 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: frank.bollaci@mauserpackaging.com

Org. Type: Corporation
NJ EIN: 67236700004

Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08648

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: **Owner (Current CO-1)**

Organization: B-WAY CORPORATION
Org. Type: Corporation
Name: B-WAY CORPORATION
NJ EIN: 67236700004
Title:
Phone: (732) 997-4050 x
Mailing Address: 6 LITHO ROAD
LAWRENCE TWP, NJ 08648
Fax: ( ) - x
Other: ( ) - x
Type:
Email: @mauserpackaging.com

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

Organization: B-WAY CORPORATION
Org. Type: Corporation
Name: B-WAY CORPORATION
NJ EIN: 67236700004
Title:
Phone: (732) 997-4050 x
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LAWRENCE TWP, NJ 08648
Fax: ( ) - x
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Email: @mauserpackaging.com

Contact Type: **Responsible Official**

Organization: B-WAY CORPORATION
Org. Type: Corporation
Name: HOWARD ERNY
NJ EIN: 67236700004
Title: QUALITY SUPERVISOR
Phone: (732) 997-4074 x
Mailing Address: 6 LITHO ROAD
Trenton, NJ 08648
Fax: ( ) - x
Other: (732) 997-4050 x
Type: Public
Email: Howard.Erny@mauserpackaging.com>

B-WAY CORPORATION (61023)
BOP230001

Date: 01/30/2024

New Jersey Department of Environmental Protection
Non-Source Fugitive Emissions

Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

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	Hot Water Heater	Fuel Combustion Equipment (Other)		0.017	0.298	0.063	0.002	0.036	0.036			
IS3	Parts Cleaner	Other Equipment		0.310								
IS4	Locker Room Hot Water Heater	Fuel Combustion Equipment (Other)		0.001	0.036	0.008	0.000	0.004	0.004			
IS6	New Office Hot Water Heater	Fuel Combustion Equipment (Other)		0.001	0.016	0.003	0.000	0.002				
IS101	Space heaters from various locations	Fuel Combustion Equipment (Other)		0.034	4.458	1.268	0.027	0.533	0.533			
Total				0.363	4.808	1.342	0.029	0.575	0.573	0.000	0.00000000	0.000

B-WAY CORPORATION (61023) Date: 1/30/2024
BOP230001

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	PC2	Line 2 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E3	PC2	1.6 MMBTU/hr HHV - Line 2 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		
E4	C3	Line 3 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E5	C3	1.75 MMBTU/hr HHV - Line 3 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		
E6	C4	Line 4 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E7	C4	1.75 MMBTU/hr HHV - Line 4 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		
E8	C5	Line 5 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E9	C5	1.75 MMBTU/hr HHV - Line 5 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		
E10	C6	Line 6 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E11	C6	1.75 MMBTU/hr HHV - Line 6 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		

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
E12	PC7	Line 7 Coater	Surface Coating Equipment (Non-Fabric Material)	PCP 990001		No		
E13	PC-7	Line 7 Printing Press	Manufacturing and Materials Handling Equipment	PCP990001		No		
E14	PC7	1.6 MMBTU/hr HHV - Line 7 Oven	Fuel Combustion Equipment (Other)	PCP 990001		No		
E20	Heater for m	7.43 MMBTU/hr HHV - Heater for Makeup Air Unit	Fuel Combustion Equipment (Other)	PCP 960005		No		
E150	Spray Line	Spray Pail Line	Surface Coating Equipment (Non-Fabric Material)	BOP130002	9/1/2013			
E160	Oven-SprayL	1.0 MMBTU/hr HHV - Oven for the Spray Pail Line	Fuel Combustion Equipment (Other)	BOP130002	9/1/2013			
E170	Side Stripe	Side Stripe Pail Line	Surface Coating Equipment (Non-Fabric Material)	BOP150001	1/1/2014	No	11/1/2016	
E180	Metal Grind	Metal Grinder	Manufacturing and Materials Handling Equipment	BOP130002	1/1/2014			
E190	Mixer A	Mixer for Spray booth	Manufacturing and Materials Handling Equipment	BOP130002	1/1/2014			

B-WAY CORPORATION (61023) Date: 1/30/2024
BOP230001

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
E191	Mixer B	Mixer for Spray booth	Manufacturing and Materials Handling Equipment	BOP130002	1/1/2014			
E200	PC2-NEW	Line 2 Replacement Printing Press	Manufacturing and Materials Handling Equipment	BOP150001	6/1/2015			
E1600	Mix # 2	Mixing at Coating Line #2 (CO3)	Manufacturing and Materials Handling Equipment	BOP180001	9/30/2018	No		
E1700	Mix #3	Mixing at Coating Line #3 (CO4)	Manufacturing and Materials Handling Equipment	BOP180001	9/30/2018	No		
E1800	Mix #4	Mixing at Coating Line #4 (CO5)	Manufacturing and Materials Handling Equipment	BOP180001	9/30/2018	No		
E1900	Mix #5	Mixing at Coating Line #5 (CO6)	Manufacturing and Materials Handling Equipment	BOP180001	9/30/2018	No		

61023 B-WAY CORPORATION BOP230001 E1 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll coating
Have you attached a diagram showing the location and/or the configuration of this equipment?	○ Yes ● No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	○ Yes ● No
Comments:	C3 Line 3 Coater

61023 B-WAY CORPORATION BOP230001 E3 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.60
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing oven for Line 2

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E4 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll Coating

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E5 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.75
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing Oven for Line 3

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E6 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll Coating

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E7 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.75
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing Oven for Line 4

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E8 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll Coating

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E9 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.75
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing Oven for Line 5

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E10 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll Coating

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E11 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.75
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing Oven for Line 6

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E12 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Method of Application:	Other — Spray Type:
Description:	Roll Coating

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E13 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	2 Color Print Press
Manufacturer:	HOE
Model:	620/621
Type of Manufacturing and Materials Handling Equipment:	Line 7 Press
Capacity:	1.77E+01
Units:	other units
Description (if other):	gallons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

61023 B-WAY CORPORATION BOP230001 E14 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.60
Type of Heat Exchange:	Direct
Equipment Type Description:	Curing Oven for Line 7

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E20 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	
Manufacturer:	Rapid Engineering
Model:	
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	7.43
Type of Heat Exchange:	Direct
Equipment Type Description:	Heater in Makeup Air Unit

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E150 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	Nordson
Manufacturer:	Nordson
Model:	A7A
Method of Application:	Spray — Spray Type: Other
Description:	

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

- (●) Yes
- ( ) No

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

- (●) Yes
- ( ) No

Comments: See attached drawing showing that the spray is applied on pails/cans in a "spray booth" as it enters on a conveyor.

61023 B-WAY CORPORATION BOP230001 E160 (Fuel Combustion Equipment (Other))
Print Date: 1/30/2024

Make:	DG1000
Manufacturer:	Despatch
Model:	50378
Maximum rated Gross Heat Input (MMBtu/hr-HHV):	1.00
Type of Heat Exchange:	
Equipment Type Description:	2 zone natural gas fired, forced draft, belt conveyance.

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

- (●) Yes
- ( ) No

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

- ( ) Yes
- (●) No

Comments:

Include Emission Rates on the Potential to Emit Screen for each contaminant in ppmvd @ 7%O2 in addition to lbs/hr and tons/yr.

61023 B-WAY CORPORATION BOP230001 E170 (Surface Coating Equipment (Non-Fabric Material))
Print Date: 1/30/2024

Make:	
Manufacturer:	Spray Systems
Model:	16883-1
Method of Application:	Spray — Spray Type: Air-Assisted
Description:	

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

- ○ Yes
- ● No

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

- ○ Yes
- ● No

Comments:

61023 B-WAY CORPORATION BOP230001 E180 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	CEPAK
Model:	
Type of Manufacturing and Materials Handling Equipment:	Metal grinder
Capacity:	5.00E+03
Units:	other units
Description (if other):	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:	

61023 B-WAY CORPORATION BOP230001 E190 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	
Capacity:	5.00E+02
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

61023 B-WAY CORPORATION BOP230001 E191 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	
Capacity:	5.00E+02
Units:	gallons
Description (if other):	
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

61023 B-WAY CORPORATION BOP230001 E200 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	2 Color Print Press
Manufacturer:	HOE
Model:	620/621
Type of Manufacturing and Materials Handling Equipment:	Line 2 Press - replacement in kind
Capacity:	1.77E+01
Units:	other units
Description (if other):	gallons per hour
Have you attached a diagram showing the location and/or the configuration of this equipment?	No
Have you attached any manuf.'s data or specifications to aid the Dept. in its review of this application?	No
Comments:	

61023 B-WAY CORPORATION BOP230001 E1600 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixer at Line #2
Capacity:	5.00E+01
Units:	other units
Description (if other):	lbs/batch
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:	

61023 B-WAY CORPORATION BOP230001 E1700 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixer at Line #3
Capacity:	5.00E+01
Units:	other units
Description (if other):	lbs/batch
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:	

61023 B-WAY CORPORATION BOP230001 E1800 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixer at Line #4
Capacity:	5.00E+01
Units:	other units
Description (if other):	lbs/batch
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:	

61023 B-WAY CORPORATION BOP230001 E1900 (Manufacturing and Materials Handling Equipment)
Print Date: 1/30/2024

Make:	
Manufacturer:	
Model:	
Type of Manufacturing and Materials Handling Equipment:	Mixer at Line #5
Capacity:	5.00E+01
Units:	other units
Description (if other):	lbs/batch
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:	

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

New Jersey Department of Environmental Protection
Control Device Inventory

CD NJID	Facility's Designation	Description	CD Type	Install Date	Grand-Fathered	Last Mod. (Since 1968)	CD Set ID
CD1	Regenerative	RTO	Oxidizer (Thermal)	4/1/1996	No	5/10/1999	
CD2	Cyclone BH	Cyclone Bag House	Cyclone	1/1/2014			

61023 B-WAY CORPORATION BOP230001 CD1 (Oxidizer (Thermal))
Print Date: 1/30/2024

Make:	
Manufacturer:	Smith Engineering
Model:	
Minimum Chamber Temperature (°F):	1500
Minimum Residence Time (sec):	0.5
Fuel Type:	Natural gas
Description:	
Maximum Rated Gross Heat Input (MMBtu/hr):	8
Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	15
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	
Have you attached data from recent performance testing?	○ Yes ● No
Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?	○ Yes ● No
Have you attached a diagram showing the location and/or configuration of this control apparatus?	○ Yes ● No
Comments:	

61023 B-WAY CORPORATION BOP230001 CD2 (Cyclone)
Print Date: 1/30/2024

Make:	
Manufacturer:	STERNVENT
Model:	CYD2005
Unit Type:	SN
Description:	
Major Cylinder Diameter, Dc (ft):	2.00
Major Cylinder Length, Lc (ft):	2.00
Gas Outlet Diameter, De (ft):	
Gas Inlet Height, He (ft):	
Gas Inlet Width, Bc (ft):	
Gas Outlet Length, Hc + Sc [usually 5/8 Dc] (ft):	
Cone Length, Zc (ft):	1.50
Dust Outlet, Jc (ft):	0.66
Effective Number of Turns, Ne:	
Inlet Gas Velocity, Vi (ft/min):	
True Particle Density (lbs/ft³):	
Average Particle Size (micrometers):	
Gas Temperature (°F):	70.0
Have you attached a Particle Size Distribution Analysis?	○ Yes ● No
Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	1
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	visual
Have you attached data from recent performance testing?	○ Yes ● No
Have you attached any manufacturer's data or specifications in support of the feasibility and/or effectiveness of this control apparatus?	○ Yes ● No
Have you attached a diagram showing the location and/or configuration of this control apparatus?	○ Yes ● No
Comments:	RPM= 3450

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

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	Thermal Oxid	TOE	Round	50	58	80	300.0	240.0	360.0	50,000.0	40,000.0	71,700.0	Up	
PT4	Warehouse Ve	Warehouse Vent	Round	48	24	80	74.0	62.0	85.0	77,500.0	65,000.0	90,000.0	Up	
PT5	Grinder	Metal Grinder Cyclone Exhaust	Round	6	25	90	74.0	62.0	85.0	5,600.0	0.0	5,600.0	Up	
PT6	Mini Mix Ex	Mini Mix Room Exhaust	Round	8	25	90	74.0	62.0	85.0	2,000.0	0.0	2,000.0		

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

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

U 1 Press/Coatin Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours Min.	Annual Oper. Hours Max.	VOC Range	Flow (acfm) Min.	Flow (acfm) Max.	Temp. (deg F) Min.	Temp. (deg F) Max.
OS1	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E1	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS2	Printing Ste	Printing Steel Sheets	Normal - Steady State	E200	CD1 (P)	PT1	4-02-001-01	0.0	8,760.0					
OS3	Cure Sheets	Curing of Steel Sheets in 1.6 MMBTU/hr Oven (GR1)	Normal - Steady State	E3	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS4	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E4	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS5	Cure Sheets	Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)	Normal - Steady State	E5	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS6	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E6	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS7	Cure Sheets	Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)	Normal - Steady State	E7	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS8	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E8	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS9	Cure Sheets	Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)	Normal - Steady State	E9	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS10	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E10	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS11	Cure Sheets	Curing of Steel Sheets in 1.75 MMBTU/hr Oven (GR1)	Normal - Steady State	E11	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS12	CoatingSteel	Coating Steel Sheets	Normal - Steady State	E12	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS13	Print Sheets	Printing Steel Sheets	Normal - Steady State	E13	CD1 (P)	PT1	4-02-001-01	0.0	8,760.0					

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

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

U 1 Press/Coatin Press Line, Coating Lines, Curing Ovens, Grinder and Mixers (Gr1)

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours Min.	Annual Oper. Hours Max.	VOC Range	Flow (acfm) Min.	Flow (acfm) Max.	Temp. (deg F) Min.	Temp. (deg F) Max.
OS14	Cure Sheets	Curing of Steel Sheets in 1.6 MMBTU/hr Oven (GR1)	Normal - Steady State	E14	CD1 (P)	PT1	4-02-999-98	0.0	7,000.0					
OS15	Spray Pail	Spray Pail Coating in Spray Enclosure	Normal - Steady State	E150	CD1 (P)	PT1	4-02-017-39	0.0	7,000.0	A				
OS16	Pail Oven	Spray Pail Oven, 1.0 MMBtu/hr Two-Zone Oven (GR1)	Normal - Steady State	E160	CD1 (P)	PT1		0.0	7,000.0	A				
OS17	Side Stripe	Side Stripe Paint on Pail	Normal - Steady State	E170	CD1 (P)	PT1	4-02-017-39	0.0	7,000.0	A				
OS18	Metal Grind	Metal grinding of pails (equipped with a cyclone bag house)	Normal - Steady State	E180	CD2 (P)	PT5		0.0	8,760.0					
OS19	Mix Spray A	Mixer A for Spray Booth	Normal - Steady State	E190		PT6		0.0	5,840.0					
OS20	Mix Spray B	Mixer B for Spray Booth	Normal - Steady State	E191		PT6		0.0	5,840.0					
OS21	Mix Line 2	Mixing at Line 2 (CO3)	Normal - Steady State	E1600	CD1 (P)	PT1		0.0	8,760.0					
OS22	Mix Line 3	Mixing at Line 3 (CO4)	Normal - Steady State	E1700	CD1 (P)	PT1		0.0	8,760.0					
OS23	Mix Line 4	Mixing at Line 4 (CO5)	Normal - Steady State	E1800	CD1 (P)	PT1		0.0	8,760.0					
OS24	Mix Line 5	Mixing at Line 5 (CO6)	Normal - Steady State	E1900	CD1 (P)	PT1		0.0	8,760.0					

B-WAY CORPORATION (61023)
BOP230001

Date: 1/30/2024

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

U 4 Makeup air 7.425 MM Btu/hr Natural Gas Fired Makeup Air Unit (GR1)

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	makeup air	Firing Natural Gas, 7.425 MMBtu/hr (GR1)	Normal - Steady State	E20		PT4	1-05-001-06	0.0	5,500.0					

Date: 1/30/2024

New Jersey Department of Environmental Protection
Subject Item Group Inventory

Group NJID: GR1 Nat. Gas.

Members:

Type	ID	OS	Step
IS	IS1		
IS	IS101		
IS	IS4		
IS	IS6		
U	U 1	OS0 Summary	
U	U 4	OS0 Summary	

Formal Reason(s) for Group/Cap:

☑ Other

Other (explain): NG burning insig equipments (IS1, IS4, IS6, IS101), U1 ovens and U4 heater

Condition/Requirements that will be complied with or are no longer applicable as a result of this Group:

Operating Circumstances: