State of New Jersey
Department of Environmental Protection
Air Quality, Energy and Sustainability
Division of Air Quality
Bureau of Stationary Sources
401 E. State Street, 2nd Floor, P.O. Box 420, Mail Code 401-02
Trenton, NJ 08625-0420

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

SHAWN M. LATOURETTE
COMMISSIONER

Air Pollution Control Operating Permit
Significant Modification

Permit Activity Number: BOP220001 **Program Interest Number: 55938**

Mailing Address	Plant Location
CRAIG KUMPEL SR DIRECTOR OF OPERATIONS SUNOCO LP 3700 SOUTH WOOD AVE Linden, NJ 07036	PAULSBORO - SUNOCO LLC 7 N Delaware St Paulsboro Gloucester County

Initial Operating Permit Approval Date: **12/16/2003**

Operating Permit Approval Date: **PROPOSED**

Operating Permit Expiration Date: **12/15/2023**

AUTHORITY AND APPLICABILITY

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

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

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

PERMIT SHIELD

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

COMPLIANCE SCHEDULES

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

COMPLIANCE CERTIFICATIONS AND DEVIATION REPORTS

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

ACCESSING PERMITS

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

HELPLINE

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

RENEWING YOUR OPERATING PERMIT AND APPLICATION SHIELD

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

COMPLIANCE ASSURANCE MONITORING

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

ADMINISTRATIVE HEARING REQUEST

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

If you have any questions regarding this permit approval, please call Nipul Patel at (609) 777-2858.

Approved by:

_____
Shafi Ahmed

Enclosure

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

Facility Name: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

TABLE OF CONTENTS

Section A

Facility Name: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

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)	$PM_{2.5}$ (total)	Pb	HAPs* (total)	CO_2e[2]
Emission Units Summary	118.02	0.14	0.12	NA	NA	NA	NA	NA	3.91	
Batch Process Summary	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Group Summary	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Emissions	118.02	0.14	0.12	NA	NA	NA	NA	NA	3.91	

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	3.89	NA	NA	NA	NA	NA	NA	NA	NA
Non-Source Fugitive Emissions[3]	0.32	NA	NA	NA	NA	NA	NA	NA	0.045

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] Total CO_2e emissions for the facility.
[3] Non-Source Fugitive Emissions are included if the facility falls into one or more categories listed at N.J.A.C. 7:27-22.2(a)2.

Section A

Facility Name: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

POLLUTANT EMISSIONS SUMMARY

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

HAP	TPY
Benzene	0.38
Hexane	1.53
Toluene	1.24
Trimethylpentane	0.76

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

Other Air Contaminant	TPY
NA	NA

[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: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

GENERAL PROVISIONS AND AUTHORITIES

1. No permittee shall allow any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in a quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or which would unreasonably interfere with the enjoyment of life or property. This shall not include an air contaminant that occurs only in areas over which the permittee has exclusive use or occupancy. Requirements relative only to nuisance situations, including odors, are not considered federally enforceable. [N.J.A.C. 7:27-22.16(g)8]

2. Any deviation from operating permit requirements which results in a release of air contaminants shall be reported to the Department as follows:

   a. If the air contaminants are released in a quantity or concentration which poses a potential threat to public health, welfare or the environment or which might reasonably result in citizen complaints, the permittee shall report the release to the Department:

      i. Immediately on the Department hotline at 1-(877) 927-6337, pursuant to N.J.S.A. 26:2C-19(e); and

      ii. As part of the compliance certification required in N.J.A.C. 7:27-22.19(f). However, if the deviation is identified through source emissions testing, it shall be reported through the source emissions testing and monitoring procedures at N.J.A.C. 7:27-22.18(e)3; or

   b. If the air contaminants are released in a quantity or concentration which poses no potential threat to public health, welfare or the environment and which will not likely result in citizen complaints, the permittee shall report the release to the Department as part of the compliance certification required in N.J.A.C. 7:27-22.19(f), except for deviations identified by source emissions testing reports, which shall be reported through the procedures at N.J.A.C. 7:27-22.18(e)3; or

   c. If the air contaminants are released in a quantity or concentration which poses no potential threat to public health, welfare or the environment and which will not likely result in citizen complaints, and the permittee intends to assert the affirmative defense afforded by N.J.A.C. 7:27-22.16(l), the violation shall be reported by 5:00 PM of the second full calendar day following the occurrence, or of becoming aware of the occurrence, consistent with N.J.A.C. 7:27-22.16(l). [N.J.A.C. 7:27-22.19(g)]

3. The permittee shall comply with all conditions of the operating permit including the approved compliance plan. Any non-compliance with a permit condition constitutes a violation of the New Jersey Air Pollution Control Act N.J.S.A. 26:2C-1 et seq., or the CAA, 42 U.S.C. §7401 et seq., or both, and is grounds for enforcement action; for termination, revocation and reissuance, or for modification of the operating permit; or for denial of an application for a renewal of the operating permit. [N.J.A.C. 7:27-22.16(g)1]

4. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of its operating permit. [N.J.A.C. 7:27-22.16(g)2]

5. This operating permit may be modified, terminated, or revoked for cause by the EPA pursuant to 40 CFR 70.7(g) and revoked or reopened and modified for cause by the Department pursuant to N.J.A.C. 7:27-22.25. [N.J.A.C. 7:27-22.16(g)3]

6. The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this operating permit; or to determine compliance with the operating permit. [N.J.A.C. 7:27-22.16(g)4]

7. The filing of an application for a modification of an operating permit, or of a notice of planned changes or anticipated non-compliance, does not stay any operating permit condition. [N.J.A.C. 7:27-22.16(g)5]

8. The operating permit does not convey any property rights of any sort, or any exclusive privilege. [N.J.A.C. 7:27-22.16(g)6]

9. Upon request, the permittee shall furnish to the Department copies of records required by the operating permit to be kept. [N.J.A.C. 7:27-22.16(g)7]

10. a. For emergencies (as defined at 40 CFR 70.6(g)(1)) that result in non-compliance with any promulgated federal technology-based standard such as NSPS, NESHAPS, or MACT, a federal affirmative defense is available, pursuant to 40 CFR 70. To assert a federal affirmative defense, the permittee must use the procedures set forth in 40 CFR 70. The affirmative defense provisions described below may not be applied to any situation that caused the Facility to exceed any federally delegated regulation, including but not limited to NSPS, NESHAP, or MACT.

    b. For situations other than those covered above, an affirmative defense is available for a violation of a provision or condition of the operating permit only if:

        i. The violation occurred as a result of an equipment malfunction, an equipment startup or shutdown, or during the performance of necessary equipment maintenance; and

        ii. The affirmative defense is asserted and established as required by N.J.S.A. 26:2C-19.1 through 19.5 and any implementing rules. [N.J.A.C. 7:27-22.16(l)]

11. In the event of a challenge to any part of this operating permit, all other parts of the permit shall continue to be valid. [N.J.A.C. 7:27-22.16(f)]

12. Each owner and each operator of any facility, source operation, or activity to which this permit applies is responsible for ensuring compliance with all requirements of N.J.A.C. 7:27-22. If the owner and operator are separate persons, or if there is more than one owner or operator, each owner and each operator is jointly and severally liable for any fees due under N.J.A.C. 7:27-22, and for any penalties for violation of N.J.A.C. 7:27-22. [N.J.A.C. 7:27-22.3]

13. The permittee shall ensure that no air contaminant is emitted from any significant source operation at a rate, calculated as the potential to emit, that exceeds the applicable threshold for reporting emissions set forth in the Appendix to N.J.A.C. 7:27-22 or 7:27-17.9(a), unless emission of the air contaminant is authorized by this operating permit. [N.J.A.C. 7:27-22.3(c)]

14. Consistent with the provisions of N.J.A.C. 7:27-22.3(e), the permittee shall ensure that all requirements of this operating permit are met. In the event that there are multiple emission limitations, monitoring, recordkeeping, and/or reporting requirements for a given source operation, the facility must comply with all requirements, including the most stringent.

15. Consistent with the provisions of N.J.A.C. 7:27-22.3(s), Except as otherwise provided in this subchapter, the submittal of any information or application by a permittee including, but not limited to, an application or notice for any change to the operating permit, including any administrative amendment, any minor or significant modification, renewal, a notice of a seven-day notice change, a notice of past or anticipated noncompliance, does not stay any operating permit condition, nor relieve a permittee from the obligation to obtain other necessary permits and to comply with all applicable Federal, State, and local requirements.

16. Applicable requirements derived from an existing or terminated consent decree with EPA will not be changed without advance consultation by the Department with EPA. N.J.A.C. 7:27-22.3(uu).

17. Unless specifically exempted from permitting, temporary mobile equipment for short-term activities may be periodically used at major facilities, on site for up to 90 days if the requirements listed below, (a) through (h) are satisfied.

    a. The permittee will ensure that the temporary mobile equipment will not be installed permanently or used permanently on site.

    b. The permittee will ensure that the temporary mobile equipment will not circumvent any State or Federal rules and regulations, even for a short period of time, and the subject equipment will comply with all applicable performance standards.

    c. The permittee cannot use temporary mobile equipment unless the owner or operator of the subject equipment has obtained and maintains an approved Air Pollution Control Permit, issued pursuant to N.J.A.C. 7:27-8 or 22, prior to bringing the temporary mobile equipment to operate at the major facility.

    d. The permittee is responsible for ensuring the temporary mobile equipment's compliance with the terms and conditions specified in its approved Air Pollution Control Permit when the temporary mobile equipment operates on the property of the permittee.

    e. The permittee will ensure that temporary mobile equipment utilized for short-term activities will not operate on site for more than a total of 90 days during any calendar year.

    f. The permittee will keep on site a list of temporary mobile equipment being used at the facility with the start date, end date, and record of the emissions from all such equipment (amount and type of each air contaminant) no later than 30 days after the temporary mobile equipment completed its job in accordance with N.J.A.C. 7:27-22.19(i)3.

    g. Emissions from the temporary mobile equipment must be included in the emission netting analysis required of the permittee by N.J.A.C. 7:27-18.7. This information is maintained on site by the permittee and provided to the Department upon request in accordance with existing applicable requirements in the FC Section of its Title V permit.

    h. Where short-term activities (employing temporary mobile equipment) will reoccur on at least an annual basis, the permittee is required to include such activities (and the associated equipment) within one year of the first use, in its Title V permit through the appropriate modification procedures.

18. Consistent with the provisions of N.J.A.C. 7:27-22.9(c), the permittee shall use monitoring of operating parameters, where required by the compliance plan, as a surrogate for direct emissions testing or monitoring, to demonstrate compliance with applicable requirements.

19. The permittee is responsible for submitting timely and administratively complete operating permit applications:

    Administrative Amendments [N.J.A.C. 7:27-22.20(c)];
    Seven-Day Notice changes [N.J.A.C. 7:27-22.22(e)];
    Minor Modifications [N.J.A.C. 7:27-22.23(e)];
    Significant Modifications [N.J.A.C. 7:27-22.24(e)]; and
    Renewals [N.J.A.C. 7:27-22.30(b).

20. The operating permit renewal application consists of a RADIUS application and the application attachment available at the Department's website http://www.nj.gov/dep/aqpp/applying.html (Attachment to the RADIUS Operating Permit Renewal Application). Both the RADIUS application and the Application Attachment, along with any other supporting documents must be submitted using the Department's Portal

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

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

    i. Represent the range of combined process and control measure conditions under which the facility expects to operate (regardless of the frequency of the conditions); and

    ii. Are likely to most challenge the emissions control measures of the facility with regard to meeting the applicable emission standards, but without creating an unsafe condition.

22. Consistent with EPA's National Stack Testing Guidance and Technical Manual 1004, a facility may not stop an ongoing stack test because it would have failed the test unless the facility also ceases operation of the equipment in question to correct the issue. Stopping an ongoing stack test in these instances will be considered credible evidence of emissions non-compliance.

23. Each permittee shall maintain records of all source emissions testing or monitoring performed at the facility and required by the operating permit in accordance with N.J.A.C. 7:27-22.19. Records shall be maintained, for at least five years from the date of each sample, measurement, or report. Each permittee shall maintain all other records required by this operating permit for a period of five years from the date each record is made. At a minimum, source emission testing or monitoring records shall contain the information specified at N.J.A.C. 7:27-22.19(b). [N.J.A.C. 7:27-22.19(a) and N.J.A.C. 7:27-22.19(b)]

24. A Permittee may seek the approval of the Department for a delay in testing required pursuant to this permit by submitting a written request to the appropriate Regional Enforcement Office in accordance with N.J.A.C. 7:27-22.18(k). A Permittee may also seek advanced approval for a longer period for submittal of a source emissions test report required by the permit by submitting a request to the Department's Regional Enforcement Office in accordance with N.J.A.C. 7:27-22.19. [N.J.A.C. 7:27-22.18(k) and N.J.A.C. 7:27-22.19]

25. Testing every 5 years shall be defined as no later than the end of the 60th month after the first required and each subsequent stack test was completed for the new or modified source.

Section C

Facility Name: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

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: PAULSBORO - SUNOCO LLC
Program Interest Number: 55938
Permit Activity Number: BOP220001

FACILITY SPECIFIC REQUIREMENTS AND INVENTORIES

FACILITY SPECIFIC REQUIREMENTS PAGE INDEX

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

New Jersey Department of Environmental Protection
Reason for Application

Permit Being Modified

Permit Class: BOP **Number:** 210001

Description of Modifications: This application is being submitted to revise the stack testing requirements for the facility's truck rack vapor recovery unit.

In the first quarter of 2021, the terminal's operations were ceased and all the operational equipment (storage tanks, pumps, piping, vapor recovery unit) were temporarily taken out of service. Since the terminal truck rack and vapor recovery unit is currently not operational, the facility does not have the ability to conduct a required five year renewal stack test at least 18 months prior to the expiration of the renewed operating permit, as required by BOP210001 Emission Unit U100-OS Summary-Ref# 2. The stack test is due to be performed on or before June 15, 2022.

Sunoco, LLC is proposing to revise the applicable requirement in Emission Unit U100-OS Summary-Ref# 2 so that when the facility returns to service and truck rack vapor recovery operations are resumed there will be reasonable time after that occurs to perform the required stack test. Sunoco, LLC proposes that the Applicable Requirement is revised as follows;

"The permittee shall conduct a stack test no more than 120 days after restarting truck rack and vapor recovery unit operations at
Emission Point PT100 and PT101 using an approved protocol to demonstrate compliance with emission limits for VOC (lb/hr), % VOC reduction and VOC concentration (mg/L) of gasoline loaded) as specified in the compliance plan....."

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: **FG1 Equipment, Tanks, Pumps,valves, flanges**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Comply with Group 1 (GR1). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **IS1 Additive Tanks <10K gal and VOC tanks <2K, IS5 Underground heating oil storage tank <2 K**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	The operating temperature of the tank shall not be greater than 350 degrees F. [N.J.A.C. 7:27-22.1]	None.	None.	None.
2	The vapor pressure of the liquid, excluding the vapor pressure of water, shall be less than 0.02 psia at the liquid's actual temperature or at 70 degrees F, whichever is higher. [N.J.A.C. 7:27-22.1]	None.	None.	None.
3	The tank or vessel shall have no visible emissions, exclusive of water vapor, to the outdoor atmosphere. [N.J.A.C. 7:27-22.1]	None.	None.	None.
4	The tank or vessel shall not emit any air contaminants which may cause an odor detectable outside the property boundaries of the facility. [N.J.A.C. 7:27-22.1]	None.	None.	None.
5	The tank or vessel shall not be subject to any NESHAPS, MACT, or NSPS air pollution control standards. [N.J.A.C. 7:27-22.1]	None.	None.	None.
6	The tank's or vessel's potential to emit each TXS and each HAP shall not exceed the de minimis reporting thresholds as specified in Appendix to N.J.A.C. 7:27-17.9. [N.J.A.C. 7:27-22.1]	None.	None.	None.
7	The percentage by weight of all HAPs collectively in the raw material stored in the tank, or mixed or blended in the vessel, shall be less than 1.0 percent. [N.J.A.C. 7:27-22.1]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
8	The owner or operator shall have readily available upon Department request a statement certified in accordance with N.J.A.C. 7-27-1.39, signed by the responsible official, as defined at N.J.A.C. 7:27-1.4, that: (1) specifies the contents of the tank; (2) affirms that the tank or vessel meets the above applicable requirements and (3) attests that the tank or vessel is in compliance with all other applicable State or federal air pollution requirements. [N.J.A.C. 7:27-22.1]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **IS3 Tank Truck Loading**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Comply with Group 1 (GR1). [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **IS4 Insignificant Storage Tanks > 10K gallons storing non-applicable VOCs**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Sulfur Content in Fuel <= 15 ppmw (0.0015% by weight). [N.J.A.C. 7:27-9.2(a)]	Sulfur Content in Fuel: Monitored by review of fuel delivery records per delivery. [N.J.A.C. 7:27-22.16(o)]	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
2	Fuel stored in New Jersey that met the applicable maximum sulfur content standard of Tables 1A or 1B of N.J.A.C. 7:27-9.2 at the time the fuel was stored in New Jersey may be stored, offered for sale, sold, delivered or exchanged in trade, for use in New Jersey, after the effective date of the applicable standard in Table 1B. [N.J.A.C. 7:27- 9.2(a)]	None.	None.	None.
3	Temperature <= 350 degrees F. The operating temperature shall not be greater. [N.J.A.C. 7:27-22.1]	None.	None.	None.
4	Vapor Pressure < 0.02 psia. The vapor pressure of the liquid, excluding the vapor pressure of water, at the liquid's actual temperature or at 70 degrees F, whichever is higher. [N.J.A.C. 7:27-22.1]	None.	None.	None.
5	The tank shall have no visible emissions, exclusive of water vapor, to the outdoor atmosphere. [N.J.A.C. 7:27-22.1]	None.	None.	None.
6	The tank shall not emit any air contaminants which may cause an odor detectable outside the property boundaries of the facility. [N.J.A.C. 7:27-22.1]	None.	None.	None.
7	The tank shall not qualify for any NESHAPS, MACT, or NSPS air pollution control standards. [N.J.A.C. 7:27-22.1]	None.	None.	None.
8	The tank's potential to emit each TXS and each HAP shall not exceed the de minimis reporting thresholds as specified in N.J.A.C. 7:27-17.9 [N.J.A.C. 7:27-22.1]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
9	HAPs < 1 % by weight. The percentage by weight of all HAPs collectively in the raw material stored in the tank. [N.J.A.C. 7:27-22.1]	None.	None.	None.
10	The owner or operator shall have readily available upon Department request a statement certified in accordance with N.J.A.C. 7:27-1.39, signed by the responsible official, as defined at N.J.A.C. 7:27-1.4, that: (1) specifies the contents of the tank; (2) affirms that the tank meets the applicable requirements of Ref. #2 to #8 above and (3) attests that the tank is in compliance with all other applicable State or federal air pollution requirements. [N.J.A.C. 7:27-22.1]	None.	Other: The owner or operator shall have readily available upon Department request a statement certified in accordance with N.J.A.C. 7:27-1.39, signed by the responsible official, as defined at N.J.A.C. 7:27-1.4, that (1) specifies the contents of the tank; (2) affirms that that the tank meets the applicable requirements of Ref. #2 to #8 above and (3) attests that the tank is in compliance with all other spplicable State or federal air pollution requirements.[N.J.A.C. 7:27-22.1].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Subject Item: **GR1 Bulk Gasoline Terminal (U100), Gasoline Storage Tanks (U400), FG1 and IS3**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Applicable Federal Regulations: MACT Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Terminals, Bulk Plants, and Pipeline Facilities, is applicable to GR1 components for equipment leak inspections. [None]	None.	None.	None.
2	By January 10, 2011, each owner or operator of a bulk gasoline terminal shall perform a monthly leak inspection of all equipment in gasoline service (used in a system that transfers gasoline or gasoline vapors). For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR 63.11089(a)]	None.	Other: Each owner or operator subject to the equipment leak provisions of 63.11089 shall prepare and maintain a record describing the types, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40 CFR 63.11089, the record shall contain a full description of the program.[40 CFR 63.11094(d)].	None.
3	A log book shall be used and shall be signed by the owner or operator at the completion of each equipment leak inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b)]	Other: Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semi-annual report the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089(c)] and[40 CFR 63.11089(d)].	Other: The owner or operator shall maintain records of the log book required by 63.11089(b) for a period of 5 years.[N.J.A.C. 7:27-22.16(o)].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U100 Vapor Recovery Unit With Two Carbon Adsorption Vessels for Gasoline / Distillate Loading Rack**
Operating Scenario: **OS Summary**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Applicable Federal Regulations: 40 CFR 60, NSPS Subpart A (General Provisions) 40 CFR 60, NSPS Subpart XX (Standards of Performance for Bulk Gasoline Terminals) 40 CFR 63, NESHAP Subpart A (General Provisions) 40 CFR 63, MACT Subpart BBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities) [None]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
2	RENEWAL STACK TESTING SUMMARY: The permittee shall conduct a stack test no more than 90 days after restarting truck rack and vapor recovery unit operations at Emission Point PT100 and PT101 using an approved protocol to demonstrate compliance with emission limits for VOC (lb/hr), % VOC reduction and VOC concentration (mg/L) of gasoline loaded as specified in the compliance plan. Testing must be conducted at worst-case permitted operating conditions with regard to meeting the applicable emission standards, but without creating an unsafe condition. [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: http://www.epa.gov/ttnchie1/ert. 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)]
3	Opacity: No visible emissions exclusive of visible condensed water vapor except for 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
4	VOC (Total) <= 97.6 tons/yr based on maximum annual throughput of 747,150,000 gal/yr (includes source fugitive emissions). The total emissions include uncollected (fugitive) and after control emissions. [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
5	HAPs (Total) <= 3.91 tons/yr based on maximum annual throughput of 747,150,000 gal/yr. The total emissions include uncollected (fugitive) and after control emissions. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
6	Benzene <= 0.38 tons/yr based on maximum annual throughput of 747,150,000 gal/yr. The total emissions include uncollected (fugitive) and after control emissions. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
7	Toluene <= 1.24 tons/yr based on maximum annual throughput of 747,150,000 gal/yr. The total emissions include uncollected (fugitive) and after control emissions. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
8	Hexane (n-) <= 1.53 tons/yr based on maximum annual throughput of 747,150,000 gal/yr. The total emissions include uncollected (fugitive) and after control emissions. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
9	Trimethylpentane (2,2,4-) <= 0.76 tons/yr based on maximum annual throughput of 747,150,000 gal/yr. The total emissions include uncollected (fugitive) and after control emissions. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
10	Stack Height Above Ground >= 35 Feet. Based on the Facility-Wide Air Toxics Risk Assessment dated 3/22/2019, stack height for PT100 and PT101 shall be increased from 20 ft to 35 ft to reduce the benzene cancer and non-cancer short-term risk at the facility fenceline. [N.J.A.C. 7:27-22.16(a)]	Stack Height Above Ground: Monitored by documentation of construction upon occurrence of event. [N.J.A.C. 7:27-22.16(o)]	Other: Keep records of construction and make them avilable readiliy at site, upon the Department request.[N.J.A.C. 7:27-22.16(o)].	Stack height PT100 and PT101 shall be increased from 20 ft to 35 ft by March 31, 2020. Other (provide description): Other. [N.J.A.C. 7:27-22.16(o)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U100 Vapor Recovery Unit With Two Carbon Adsorption Vessels for Gasoline / Distillate Loading Rack**

Operating Scenario: **OS1 Loading of non-HAP VOCs with a vapor pressure <11.1 psia into trucks using the Vapor Recovering Unit**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	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: 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)].	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. Comply with the requirement: Upon occurrence of event. [N.J.A.C. 7:27-22.16(o)]
2	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.
3	Transfer of gasoline into a receiving vessel greater than 2,000 gallons shall be made through a submerged fill pipe. [N.J.A.C. 7:27-16.3(c)]	None.	None.	None.
4	Any delivery vessel except railroad tank cars or marine tank vessels with a maximum capacity of 2,000 gallons or greater shall have a certification affixed to the vessel in a prominent location which indicates the identification number of the vessel and the date the vessel last passed the pressure and vacuum tests. [N.J.A.C. 7:27-16.3(k)3]	None.	Other: Keep a record of certification with the delivery vessel at all times and make it available upon request. The record of certification shall include the name and address of the delivery vessel owner; the delivery vessel identification number; and, for each test performed, the test method used, the testing location, date of test, tester's name and signature, and test results.[N.J.A.C. 7:27-16.3(k)4].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	The permittee shall not conduct the transfer of gasoline into delivery vessels which are under a pressure in excess of 18 inches of water, or from delivery vessels under a vacuum in excess of 6 inches of water. [N.J.A.C. 7:27-16.3(l)]	None.	None.	None.
6	The permittee shall not transfer gasoline in a delivery vessel having a maximum capacity of 2,000 gallons or greater unless such vessel is vapor-tight at all times while containing any VOC except during periods of emergency conditions, gauging, or venting through a vapor control system approved by the Department. [N.J.A.C. 7:27-16.3(m)]	None.	None.	None.
7	VOC (Total) >= 90 % by weight. Permittee shall equip and operate the facility with a vapor control system that reduces the total VOC emissions to the outdoor atmosphere by no less than 90 percent by weight. [N.J.A.C. 7:27-16.3(o)2ii]	VOC (Total): Monitored by stack emission testing prior to permit expiration date, based on each of three Department validated stack test runs. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results prior to permit expiration date. See OS Summary for stack testing requirements. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See OS Summary for stack testing requirements. [N.J.A.C. 7:27-22.16(o)]
8	The permittee shall not transfer gasoline if the delivery vessel being loaded or unloaded, any control apparatus or other equipment serving the transfer operation has a leak that results in a concentration of VOC greater than or equal to 100% LEL of propane when measured at a distance of 1.0 inch from the location of the leak. [N.J.A.C. 7:27-16.3(p)1i]	None.	None.	None.
9	The permittee shall not transfer gasoline if the delivery vessel being loaded or unloaded, any control apparatus, or other equipment serving the transfer operation has a liquid leak. [N.J.A.C. 7:27-16.3(p)1ii]	None.	None.	None.
10	The permittee shall not transfer gasoline if any component of the delivery vessel designed for preventing the release of gasoline vapors is not installed and operating as designed. [N.J.A.C. 7:27-16.3(p)2]	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 not transfer gasoline if the continued transfer would result in a liquid gasoline spill. [N.J.A.C. 7:27-16.3(p)3]	None.	None.	None.
12	All hoses, piping, connections, fittings and manholes serving the vapor control system shall be vapor-tight and free of liquid leaks, except when gauging or sampling is being performed; The vapor control system, including any component thereof, shall be maintained in proper operating condition and kept free of defects that could impair the effectiveness of the system; The vapor control system shall be constructed out of materials that will not become degraded when exposed to any grade of gasoline which may be stored, transferred, and/or dispensed; and The vapor control system shall be operated properly whenever gasoline is stored, transferred, and/or dispensed. [N.J.A.C. 7:27-16.3(r)]	None.	None.	None.
13	The permittee shall, on a daily basis, record the total quantity of gasoline, in gallons or liters, loaded into delivery vessels at the facility. [N.J.A.C. 7:27-16.3(u)1]	None.	None.	None.
14	The permittee shall record continuously the concentration of the total VOC in the flue gas emitted to the outdoor atmosphere. [N.J.A.C. 7:27-16.3(u)2ii]	None.	None.	None.
15	Maintain records for a period of no less than five years and shall make those records available upon request of the Department or EPA. [N.J.A.C. 7:27-16.22(a)]	None.	Other: Maintain readily accessible records.[N.J.A.C. 7:27-16.22(a)].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
16	An annual report shall be filed with the Southern Regional Enforcement Office within 60 days of the close of each calendar year, showing the total amount of gasoline loaded. [N.J.A.C. 7:27-22.16(e)]	None.	None.	Submit a report: As per the approved schedule. An annual report shall be filed with the Southern Regional Enforcement Office within 60 days of the close of each calendar year, showing the total amount of gasoline loaded. Southern Field Office One Port Center 2 Riverside Drive, Suite 201 Camden, NJ 08102. [N.J.A.C. 7:27-22.16(o)]
17	Total Production Rate <= 87,900 gal/hr. [N.J.A.C. 7:27-22.16(a)]	Other: Monitored by review of design specifications for the carbon absorption system.[N.J.A.C. 7:27-22.16(o)].	Other: Recordkeeping by maintaining design specifications for the carbon absorption system.[N.J.A.C. 7:27-22.16(o)].	None.
18	Total Throughput: <= 747,150,000 gallons/year based on the Facility-Wide Air Toxics Risk Assessment dated 3/22/2019, Total Throughput reduced from 770,000,000 gallons/year to 747,150,000 gallons/year to reduce the benzene cancer and non-cancer short-term risk at the facility fenceline. [N.J.A.C. 7:27-22.16(a)]	Total Throughput: Monitored by material feed/flow monitoring continuously. [N.J.A.C. 7:27-22.16(o)]	Total Throughput: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. [N.J.A.C. 7:27-22.16(o)]	None.
19	VOC (Total) <= 16.6 lb/hr. [N.J.A.C. 7:27-22.16(a)]	VOC (Total): Monitored by stack emission testing prior to permit renewal, based on each of three Department validated stack test runs. See OS Summary for stack test requirements. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results prior to permit renewal. See OS Summary for stack test requirements. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See OS Summary for stack test requirements. [N.J.A.C. 7:27-22.16(o)]
20	The loading rack shall be equipped with a vapor collection system (carbon absorption unit) designed to collect the total organic compound vapors displaced from tank trucks during gasoline loading. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
21	VOC (Total) <= 5.9 lb/hr of source fugitive emissions, based on emission rate of 8 mg/liter of gasoline loaded. [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
22	THC <= 14,000 ppmvd. Maximum THC stack concentration measured as propane or 11,000 ppmdv measured as butane based on a 6 hour rolling average based on 60 minute blocks of continuous/non-continuous operation. Only data collected during loading of product in which the VRU is required to operate shall be included in the average for compliance purposes. [N.J.A.C. 7:27-22.16(a)] and. [N.J.A.C. 7:27-22.16(e)]	THC: Monitored by continuous emission monitoring system continuously based on 1 minute data collection frequency utilized to calculate 60 minute block averages. [N.J.A.C. 7:27-22.16(o)]	THC: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. THC emissions shall be recorded for each 6 hour rolling block period, based on 60 minute blocks. [N.J.A.C. 7:27-22.16(o)]	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): Every April 30, July 30, October 30, and January 30 for the preceding quarter year (the quarter years begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal. [N.J.A.C. 7:27-22.16(o)]
23	Benzene <= 0.09 lb/hr , including source fugitive emissions, from permit modification BOP080001. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
24	Toluene <= 0.29 lb/hr , including source fugitive emissions, from permit modification BOP080001. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
25	Hexane (n-) <= 0.36 lb/hr , including source fugitive emissions, from permit modification BOP080001. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
26	Trimethylpentane (2,2,4-) <= 0.18 lb/hr , including source fugitive emissions, from permit modification BOP080001. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
27	VOC (Total): Saturated or partially used adsorption materials shall be disposed of in a manner that minimizes the release of air contaminants to the atmosphere. This must be done in accordance with state and federal disposal regulations. [N.J.A.C. 7:27-22.16(e)]	None.	Other: Keep copies of shipping manifests for each shipment.[N.J.A.C. 7:27-22.16(o)].	None.
28	Truck loading limited to gasoline with a maixmum Reid Vapor Pressure equal to or less than 15 pounds per square inch. [N.J.A.C. 7:27-22.16(e)]	Other: Review of production records.[N.J.A.C. 7:27-22.16(o)].	Recordkeeping by production records 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
29	The Carbon beds should be reactivated according to a time cycle interval which shall be adjusted in the programmable logic controller (PLC) to prevent break through of gasoline vapor. The adjustment shall be performed by the vendor, a qualified contractor or NuStar personnel. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
30	VOC (Total) <= 22.6 mg/liter of gasoline loaded. Maximum emission rate from preconstruction permit. [N.J.A.C. 7:27-22.16(e)]	VOC (Total): Monitored by stack emission testing prior to permit renewal, based on each of three Department validated stack test runs. See OS Summary for stack testing requirements. [N.J.A.C. 7:27-22.16(o)]	VOC (Total): Recordkeeping by stack test results upon occurrence of event. See OS Summary for stack testing requirements. [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. See OS Summary for stack testing requirements. [N.J.A.C. 7:27-22.16(o)]
31	All requests, reports, applications, submittals, and other communications to the Administrator pursuant to Part 60 shall be submitted in duplicate to the Regional Office of US Environmental Protection Agency. Submit information to: Region 2, Director, Air and Waste Management Division, US Environmental Protection Agency, 21st Floor, 290 Broadway, New York, NY 10007. [40 CFR 60.4(a)]	None.	None.	Submit a report: As per the approved schedule to EPA Region 2 as required by 40 CFR 60. [40 CFR 60.4(a)]
32	Copies of all information submitted to EPA pursuant to 40 CFR Part 60, must also be submitted to the appropriate Regional Enforcement Office of NJDEP. [40 CFR 60.4(b)]	None.	None.	Submit a report: As per the approved schedule to the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60. [40 CFR 60.4(b)]
33	The owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, of the date of construction or reconstruction of an affected facility as defined under 40 CFR Part 60 Subpart A. Notification shall be postmarked no later than 30 days after such date. [40 CFR 60.7(a)(1)]	None.	None.	Submit notification: Upon occurrence of event to EPA Region 2 and the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60.7 [40 CFR 60.7(a)(1)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
34	The owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, of the actual date of initial startup of an affected facility postmarked within 15 days after such date. [40 CFR 60.7(a)(3)]	None.	None.	Submit notification: Upon occurrence of event to EPA Region 2 and the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60.7 [40 CFR 60.7(a)(3)]
35	The owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility, any malfunction of air pollution control equipment or any periods during which continuous monitoring system or monitoring device is inoperative. [40 CFR 60.7(b)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The records should be kept in a permanent form suitable for inspections. [40 CFR 60.7(b)]	None.
36	Each owner or operator required to install a continuous monitoring device shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form (see section 60.7(d)) to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each six-month period. [40 CFR 60.7(c)]	None.	Other: Written reports of excess emissions shall include the following information: (1) The magnitude of excess emissions computed in accordance with section 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period and excess emissions. The process operating time during the reporting period. (2) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted. (3) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments. (4) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report. [40 CFR 60.7(c)].	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): Semi-annually beginning on the 30th day of the 6th month following initial performance tests. The report shall be postmarked by the 30th day following the end of each six-month period. The report shall be submitted to the EPA Region 2 Administrator and the appropriate Regional Enforcement Office of NJDEP and be in the format specified at 40 CFR Part 60.7(c) and 40 CFR Part 60.7(d). [40 CFR 60.7(c)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
37	The owner or operator shall maintain a file, suitable for inspection, of all monitoring measurements as indicated in Recordkeeping Requirement column. [40 CFR 60.7(f)]	None.	Other: The file shall include all measurements (including continuous monitoring system, monitoring device, and performance testing measurements), all continuous monitoring system performance evaluations, all continuous monitoring system or monitoring device calibration checks, all adjustments/maintenance performed on these systems or devices, and all other information required by 40 CFR Part 60 recorded in a permanent form suitable for inspection. [40 CFR 60.7(f)].	None.
38	At all times, including periods of start-up, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operation and maintenance procedures, and inspection of the source. [40 CFR 60.11(d)]	None.	None.	None.
39	No owner or operator subject to NSPS standards in Part 60, shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 CFR 60.12]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
40	The owner or operator shall perform zero and span adjustments daily for continuous emission monitors and continuous opacity monitors following procedures outlined in 40 CFR Part 60.13(d)1 & 2. [40 CFR 60.13(d)]	None.	Other: Maintain records in accordance with 40 CFR 60.7(f). [40 CFR 60.13(d)].	None.
41	Except for system breakdowns, repairs, calibration checks, and zero and span adjustments, all continuous monitoring systems referenced by 40 CFR 60.13(c) measuring emissions except opacity shall be in continuous operation. They shall complete a minimum of one cycle of operation (sampling, analyzing and data recording) for each successive 15-minute period. [40 CFR 60.13(e)(2)]	Other: See Applicable Requirement. [40 CFR 60.13(e)(2)].	Other: See Applicable Requirement. [40 CFR 60.13(e)(2)].	None.
42	All continuous monitoring systems or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are obtained. Procedures for location of continuous monitoring systems contained in the applicable Performance Specifications of Appendix B of 40 CFR Part 60 shall be used. [40 CFR 60.13(f)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
43	The owner or operator of all continuous monitoring systems (other than opacity) shall reduce all data to 1-hour averages for time periods. One-hour period is defined in 40 CFR 60.2 as any 60-minute period commencing on the hour. For a full operating hour, 1-hour averages shall be computed from at least four valid data points, i.e., one data point in each of the 15-minute quadrants of the hour. For a partial operating hour (any clock hour with less than 60 minutes of unit operation), the owner or operator shall follow all the procedures specified at 40 CFR 60.13(h)(2) to compute 1-hour averages. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. The owners and operators complying with the requirements in 40 CFR 60.7(f)(1) or (2) must include any data recorded during periods of monitor breakdown or malfunction in the data averages. Either arithmetic or integrated averaging of all data may be used to calculate the hourly averages. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O2 or ng/J of pollutant). [40 CFR 60.13(h)(2)]	None.	Other: See Applicable Requirement. [40 CFR 60.13(h)].	None.
44	All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in the applicable subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subpart to specify the emission limit. [40 CFR 60.13(h)(3)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
45	Changes in time periods for submittal of information and postmark deadlines set forth in this subpart, may be made only upon approval by the Administrator and shall follow procedures outlined in 40 CFR Part 60.19. [40 CFR 60.19]	None.	None.	None.
46	The Loading Rack and VRU #1 (E14) is subject to 40 CFR 60 Subpart XX: Standards of Performance for Bulk Gasoline Terminals because it is a loading rack at a bulk gasoline terminal which delivers liquid product into gasoline tank trucks. [40 CFR 60.500]	None.	None.	None.
47	The affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading. [40 CFR 60.502(a)]	None.	None.	None.
48	The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded, except as noted in 40 CFR 60.503(c). [40 CFR 60.502(b)]	None.	None.	None.
49	Each vapor collection system shall be designed to prevent any total organic compouds vapors collected at one loading rack from passing to another loading rack. [40 CFR 60.502(d)]	None.	None.	None.
50	Loadings of liquid product into gasoline tank trucks (cargo tanks) shall be limited to vapor-tight gasoline tank trucks. [40 CFR 60.502(e)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
51	The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck (cargo tank) which is to be loaded at the affected facility. [40 CFR 60.502(e)(1)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system annually. The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the information specified at 40 CFR 60.505(b)(1)-(8). [40 CFR 60.505(a)] &. [40 CFR 60.505(b)]	None.
52	The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck (cargo tank) is loaded at the affected facility. [40 CFR 60.502(e)(2)]	None.	Recordkeeping by data acquisition system (DAS) / electronic data storage upon occurrence of event or manually log tank identification number as each gasoline truck is loaded at the affected facility. [40 CFR 60.502(e)(2)]	None.
53	The owner or operator shall cross-check each tank identification number obtained in 40 CFR 60.502(e)(2) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained: (A) If less than an average of one gasoline tank truck (cargo tank) per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed for each quarter. (B) If less than an average of one gasoline tank truck (cargo tank) per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be peformed semiannually. [40 CFR 60.502(e)(3)(i)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
54	If either the quarterly or semiannual cross-check provided at 40 CFR 60.502(e)(3)(i) (A) through (B) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met. [40 CFR 60.502(e)(3)(ii)]	None.	None.	None.
55	The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck (cargo tank) loaded at the affected facility within 1 week of the documentation cross-check in 40 CFR 60.502(e)(3). [40 CFR 60.502(e)(4)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon request of the Department. The terminal owner or operator shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least 2 years. [40 CFR 60.505(d)]	None.
56	The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline cargo tank will not be reloaded at the affected facility until vapor tightness documentation for that gasoline cargo tank is obtained which documents that: (i) The tank truck or raicar gasoline cargo tank meets the test requirements in 40 CFR 63.425(e), or the railcar gasoline cargo tank meets applicable test requirements in 40 CFR 63.425(i) (ii) For each gasoline cargo tank failing the test in 40 CFR 63.425(f) or (g) at the facility, the cargo tank either: (A) Before repair work is performed on the cargo tank, meets the tet requirements in 40 CFR 63.425(g) or (h), or (B) After repair work is performed on the cargo tank before or during the tests in 40 CFR 63.425(g) or (h), subsequently passes the annual certification test described in 40 CFR 63.425(e). [40 CFR 60.502(e)(5)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
57	Alternate procedures to those described in 40 CFR 60(502)(e)(1)-(5) for limiting gasoline tank truck (cargo tank) loadings may be used upon application to, and approval by, the Administrator. [40 CFR 60.502(e)(6)]	None.	None.	None.
58	Permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system. [40 CFR 60.502(f)]	None.	None.	None.
59	The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks. [40 CFR 60.502(g)]	Monitored by visual determination once initially. [N.J.A.C. 7:27-22.16(o)]	Other: Maintain training records for each new driver and records of visual determination that reminder signs are posted. [40 CFR 60.502(g)] &[N.J.A.C. 7:27-22.16(o)].	None.
60	Gauge Pressure in the Delivery Tank: The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d). As an alternate to this requirement, the owner or operator may comply with 40 CFR 63.422(e). [40 CFR 60.502(h)]	Gauge Pressure in the Delivery Tank: Monitored by pressure measurement device during the entire loading cycle. A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with +/- 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck. [40 CFR 60.503(d)(1)]	Gauge Pressure in the Delivery Tank: Recordkeeping by manual logging of parameter or storing data in a computer data system during the entire loading cycle. During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test. [40 CFR 60.503(d)(2)]	Repair equipment: Upon occurrence of event. If pressure limit is exceeded, the permittee shall repair equipment and maintain on site records of corrective actions and preventive measures. [N.J.A.C. 7:27-22.16(o)]
61	No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water). As an alternate to this requirement, the owner or operator may comply with 40 CFR 63.422(e). [40 CFR 60.502(i)]	Monitored by pressure measurement device during the entire loading cycle, based on one calendar month. [N.J.A.C. 7:27-22.16(o)]	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)]	Repair equipment: Upon occurrence of event (if premature pressure release is encountered). The permittee shall maintain on site records of corrective actions and preventive measures. [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
62	Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected. [40 CFR 60.502(j)]	Monitored by periodic leak detection monitoring each month during operation, based on an instantaneous determination. Detection methods incorporating sight, sound, or smell are acceptable. [40 CFR 60.502(j)]	Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. A record of each monthly leak inspection required under ?60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the information at 40 CFR 60.505(c)(1)-(5). [40 CFR 60.505(c)]	Repair equipment: Within 15 calendar days from detection. The owner or operator shall repair the source of any detected leak. [40 CFR 60.502(j)]
63	The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years. [40 CFR 60.505(f)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event on-site for 3 years. [40 CFR 60.505(f)]	None.
64	MACT Subpart BBBBBB-National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Terminals, Bulk Plants, and Pipeline Facilities, is applicable to U100-gasoline loading rack. NOTE: NSPS Subpart XX-Standards of Performance for Bulk Gasoline Terminal, is applicable to U100-gasoline loading rack. [40 CFR 60.500] & [40 CFR 63.11081]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
65	By January 10, 2011, each owner or operator of a gasoline loading rack at a bulk gasoline terminal with a gasoline throughput of 250,000 gallons per day or greater must: (a) Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading; and (b) Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and (c) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack from passing to another loading rack; and (d) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j). For the purposes of this section, the term tank truck as used in 40 CFR 60.502(e) through (j) means cargo tank as defined in 40 CFR 63.11100. [40 CFR 63.11088(a)]	Other: You must comply with the applicable testing and monitoring requirements specified in 63.11092.[40 CFR 63.11088(d)].	Other: You must keep records and submit reports as specified in 63.11094 and 63.11095.[40 CFR 63.11088(f)].	Other (provide description): Other You must submit the applicable notifications as required under 63.11093. [40 CFR 63.11088(e)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
66	Each owner or operator subject to the emission standard in 40 CFR 63.11088 for gasoline loading racks must conduct a performance test on the vapor processing and collection systems according to either 40 CFR 63.11092(a)(1)(i) or (ii). If you are operating your gasoline loading rack in compliance with an enforceable State, local, or tribal rule or permit that requires your loading rack to meet an emission limit of 80 milligrams (mg), or less, per liter of gasoline loaded (mg/l), you may submit a statement by a responsible official of your facility certifying the compliance status of your loading rack in lieu of the test required under 40 CFR 63.11092(a)(2). The facility is complying with this option in lieu of testing. [40 CFR 63.11092(a)(2)]	None.	None.	Submit documentation of compliance: As per the approved schedule. Submit a statement by a responsible official of the facility certifying the compliance status of the gasoline loading rack as part of the notification of compliance status required by 40 CFR 63.9(h) and 40 CFR 63.11093(b). [40 CFR 63.11092(a)(2)]
67	If you have chosen to comply with the performance testing alternatives under 40 CFR 63.11092(a)(2) or (3), the monitored operating parameter value may be an operating parameter that has been approved by the Administrator and is specified in your facility's current enforceable operating permit. At the time that the Administrator requires a new performance test, you must determine the monitored operating parameter value according to the requirements specified in 40 CFR 63.11092(b). The facility will monitor total hydrocarbon concentration as the operating parameter. [40 CFR 63.11092(b)(5)]	Monitored by continuous emission monitoring system continuously, based on 1 minute intervals utilized to calculate 60 minute block averages. Each owner or operator of a bulk gasoline terminal shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the vapor processor systems. Where a carbon adsorption system is used, a continuous emissions monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream. [40 CFR 63.11092(b)(1)(iA)]	Recordkeeping by manual logging of parameter or storing data in a computer data system continuously. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall keep an up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.11092(b). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record. [40 CFR 63.11094(f)(1)]	Submit documentation of compliance: As per the approved schedule. Record and report simultaneously with the Notification of Compliance Status required under 40 CFR 63.11093(b), all data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.11092(b). [40 CFR 63.11094(f)(2)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
68	Each owner or operator of a bulk gasoline terminal subject to the provisions of 40 CFR 63 Subpart BBBBBB shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in 40 CFR 63.11092(b)(1). In cases where an alternative parameter pursuant to 40 CFR 63.11092(b)(5)(i) is approved (Total Hydrocarbon Concentration), each owner or operator shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value. Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as appropriate, shall constitute a violation of the emission standard in 40 CFR 63.11088(a). [40 CFR 63.11092(d)]	None.	None.	Submit a report: As per the approved schedule. Each owner or operator of an affected source subject to the control requirements of this subpart shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report shall include each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS. [40 CFR 63.11095(b)(3)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
69	Conduct an annual certification test for gasoline cargo tanks. (This requirement is applicable only to delivery tank trucks. The facility does not load gasoline onto railcar cargo tanks). [40 CFR 63.11092(f)]	Monitored by other method (provide description) annually. Conduct the certification test for gasoline cargo tanks annually, using EPA Method 27, Appendix A8, 40 CFR part 60. Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (Pi) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (Vi) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (p, v) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes. [40 CFR 63.11092(f)(1)]	Recordkeeping by manual logging of parameter or storing data in a computer data system annually. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in 40 CFR 63.11094(b), an owner or operator that uses a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), shall make available (e.g., via facsimile) a copy of the documentation for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame. The copy of each record is an exact duplicate image of the original paper record with certifying signatures. The Administrator shall be notified in writing that each terminal using this alternative is in compliance with 40 CFR 63.11094(c)(2). [40 CFR 63.11094(c)(2)]	Submit a report: As per the approved schedule. Each owner or operator of a bulk terminal subject to the control requirements of 40 CFR 63 Subpart BBBBBB shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, shall include: (1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained. (2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.11094(b). [40 CFR 63.11095(b)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
70	Beginning in 2011, each owner or operator of a bulk gasoline terminal shall include in a semi-annual compliance report to the Administrator the following information: For loading racks, each loading of gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility as noted in 40 CFR 63.11095 (b). a. excess emission event b. excess emission report c. equipment leak [40 CFR 63.11095]			Submit a report: Semi-annually on January 31 and July 31 of each year to EPA Region II Administrator and the NJDEP Central Regional Enforcement Office. Excess emissions events under this subpart, and the information to be included in the excess emissions report, include: For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection: (i) The date on which the leak was detected; (ii) The date of each attempt to repair the leak; (iii) The reasons for the delay of repair; and (iv) The date of successful repair. [40 CFR 63.11095]
71	Each owner or operator of a bulk terminal subject to the control requirements of 40 CFR 63 Subpart BBBBBB shall include in a semiannual compliance report to the Administrator each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. [40 CFR 63.11095(a)(2)]	None.	None.	Submit a report: Semi-annually on January 31 and July 31 of each year to EPA Region II Administrator and the NJDEP Central Regional Enforcement Office. [40 CFR 63.11095(a)]
72	The permittee must comply with the requirements of the General Provisions (40 CFR part 63, subpart A) according to Table 6 of Subpart BBBBBB of 40 CFR 63. [40 CFR 63.11587]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U100 Vapor Recovery Unit With Two Carbon Adsorption Vessels for Gasoline / Distillate Loading Rack**
Operating Scenario: **OS2 Distillate loading without Vapor Recovering Unit**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Sulfur Content in Fuel <= 15 Parts per Million by wt. No person shall use fuel that contains sulfur in excess of the applicable parts per million by weight set forth in N.J.A.C. 7:27-9 Table 1B, effective July 1, 2016, for use in New Jersey. [N.J.A.C. 7:27-9.2(a)]	None.	Sulfur Content in Fuel: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery showing fuel sulfur content. [N.J.A.C. 7:27-22.16(o)]	None.
2	VOC (Total) <= 1.5 lb/hr. Maximum emission rate. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
3	Raw materials limited to any non-HAP, non-applicable VOC (distillate oil) with a vapor pressure < 0.02 psia. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
4	Total Production Rate <= 45,200 gal/hr. Maximum hourly loading rate of distillate. [N.J.A.C. 7:27-22.16(e)]	Total Production Rate: Monitored by material feed/flow monitoring continuously. [N.J.A.C. 7:27-22.16(o)]	Total Production Rate: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. [N.J.A.C. 7:27-22.16(o)]	None.
5	Total Material Transferred <= 200 MMgal/yr of distillate. [N.J.A.C. 7:27-22.16(e)]	Total Material Transferred: Monitored by material feed/flow monitoring continuously, based on one calendar year. [N.J.A.C. 7:27-22.16(o)]	Total Material Transferred: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U200 Additive Tanks 13A, 14A, A1, A2 and 15**
Operating Scenario: **OS Summary**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Stationary storage tanks storing applicable VOC and having a capacity of greater than 2,000 gallons shall be painted and maintained white. [N.J.A.C. 7:27-16.2(b)1]	None.	None.	None.
2	Maintain records for each storage tank specifying each VOC stored and the vapor pressure of each VOC at standards conditons. [N.J.A.C. 7:27-16.2(k)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system per change of material. Log the tank contents, vapor pressure from MSDS, and date the tank contents (material) was replaced or material was added to the tank. Maintain records for a period of no less than five years and shall make those records available upon request of the Department or EPA. [N.J.A.C. 7:27-16.2(k)], [N.J.A.C. 7:27-16.22(a)] &. [N.J.A.C. 7:27-22.16(o)]	None.
3	No person shall cause, suffer, allow or permit the transfer of any applicable VOC into any receiving vessel having a maximum capacity of 2,000 gallons (7,570 liters) or greater unless such transfer is made through a submerged fill pipe that if permanently affixed to the tank. [N.J.A.C. 7:27-16.4(b)]	None.	None.	None.
4	VOC (Total) <= 1.1 tons/yr. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
5	Storage tank(s) contents limited to any petroleum hydrocarbon liquid (Additive), that is not a HAP as defined at 40 CFR 63.1(a)(2), with a vapor pressure < 0.22 psia at standard conditions. [N.J.A.C. 7:27-22.16(e)]	Other: Review invoices/bills of lading per delivery, matching delivered product, MSDS and vapor pressure.[N.J.A.C. 7:27-22.16(o)].	Other: Recordkeeping by maintaining invoices/bills of lading per delivery and MSDS showing vapor pressure.[N.J.A.C. 7:27-22.16(o)].	None.
6	Total Material Transferred <= 698,000 gal/yr. Total combined annual Additive throughput for OS1 through OS5. [N.J.A.C. 7:27-22.16(e)]	Other: Review combined invoices/bills of lading per delivery.[N.J.A.C. 7:27-22.16(o)].	Total Material Transferred: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U300 Office Building Natural Gas Fired Heater 2.05 MMBtu/hr**
Operating Scenario: **OS Summary**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Particulate Emissions <= 0.9 lb/hr. Total maximum allowable emission rate of particles. [N.J.A.C. 7:27- 4.2(a)]	None.	None.	None.
2	NOx (Total) <= 0.14 tons/yr. Maximum emission rate based on fuel usage. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	CO <= 0.12 tons/yr. Maximum emission rate based on fuel usage. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	Boiler fuel limited to natural gas only. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
5	Natural Gas Usage <= 2.75 MMft^3/yr. [N.J.A.C. 7:27-22.16]	Natural Gas Usage: Monitored by fuel flow/firing rate instrument continuously. [N.J.A.C. 7:27-22.16(o)]	Natural Gas Usage: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. [N.J.A.C. 7:27-22.16(o)]	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U300 Office Building Natural Gas Fired Heater 2.05 MMBtu/hr**
Operating Scenario: **OS1 Natural Gas Fired Boiler, 2.05 MMBtu/hr**

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	Maximum Gross Heat Input <= 2.05 MMBTU/hr (HHV). Maximum heat input for heater. [N.J.A.C. 7:27-22.16(a)]	Other: Fuel Burner Rated Capacity.[N.J.A.C. 7:27-22.16(o)].	Other: Keep manufacturer's specification at site and shall be readily available upon the request.[N.J.A.C. 7:27-22.16(o)].	None.
3	NOx (Total) <= 0.2 lb/hr. Maximum emission rate based on maximum fuel use limit. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
4	CO <= 0.12 lb/hr. Maximum emission rate based on maximum fuel use limit. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U400 Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC**
Operating Scenario: **OS Summary**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	Summary of Applicable Federal Regulations: 40 CFR 60, NSPS Subpart A (General Provisions), 40 CFR Part 60 - NSPS Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.) 40 CFR 63, NESHAP Subpart A (General Provisions) 40 CFR 63 - MACT Subpart BBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Terminals, Bulk Plants, and Pipeline Facilities, is applicable to U400-Internal Floating Roof tanks storing gasoline.) [None]	None.	None.	None.
2	The external surface of any stationary tank storing applicable VOC that has a maximum capacity of 2,000 gallons or greater and is exposed to the rays of the sun shall be painted and maintained white. [N.J.A.C. 7:27-16.2(b)1i]	None.	None.	None.
3	Applicable VOC storage tanks greater than 10,000 gallons, determined to fall under Range III shall be equipped with a floating roof. [N.J.A.C. 7:27-16.2(b)2]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
4	Storage tanks equipped with gauging and/or sampling systems shall be vapor tight. Exempt from this requirement when gauging or sampling is taking place, and when the condition at [N.J.A.C. 7:27-16.2(o)1] is met during refilling. [N.J.A.C. 7:27-16.2(d)] and [N.J.A.C. 7:27-16.2(f)9]	None.	None.	None.
5	Any floating-roof tank shall not be required to meet the gap seal requirements at [N.J.A.C. 7:27-16.2(l)3i through x] while the roof is resting on its legs during the processes of draining, degassing or refilling the tank. [N.J.A.C. 7:27-16.2(f)5]	None.	None.	None.
6	VOC Roof Landing Emissions < 5 tons/yr per tank. This tank is exempt from the requirements of N.J.A.C.7:27-16.2(p). [N.J.A.C. 7:27-16.2(f)6] and. [N.J.A.C. 7:27-22.16(a)]	VOC Roof Landing Emissions: Monitored by calculations each month during operation. Calculate the emissions resulting from in-service floating roof landings (as defined at N.J.A.C.7:27-16.1) each month during operating using the methodology described at AP-42, Chapter 7 (November 2006 or later version). [N.J.A.C. 7:27-16.2(f)6] and. [N.J.A.C. 7:27-22.16(o)]	VOC Roof Landing Emissions: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The owner or operator shall maintain on-site, for each tank, for five years: 1. Records that specify each VOC stored and the vapor pressure of each VOC at standard conditions; 2. Records of the roof landing emission information required at N.J.A.C. 7:27-21.5(j)1; 3. The records of each floating roof landing event including, but not limited to, tank contents before landing and after refilling; landed height of the floating roof; height of any liquid remaining in the bottom of the tank after landing; duration of landing; landing emissions calculated using AP-42, Chapter 7 methodology, and any other records needed to create the "Floating Roof Landing Emission Summary Report" required at N.J.A.C. 7:27-21.5(j)2. 4. The in-service roof landing emissions for the calendar month and the sum-to-date in-service roof landing emissions for the calendar year. [N.J.A.C. 7:27-16.2(f)6], [N.J.A.C. 7:27-16.2(s)1], and . [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	Any floating roof tank subject to a Federally enforceable condition in its Operating Permit or Preconstruction Permit, as applicable, limiting the vapor pressure of its contents to less than 1.5 psia at standard conditions, shall be exempt from N.J.A.C. 7:27-16.2(p) only if the tank's records, maintained pursuant to N.J.A.C. 7:27-16.2(s)1, show that the vapor pressure of the tank's contents is less than 1.5 psia under standard conditions. [N.J.A.C. 7:27-16.2(f)7]	None.	Other: Maintain records that specify each VOC stored and the vapor pressure of each VOC at standard conditions. [N.J.A.C. 7:27-16.2(f)7] and[N.J.A.C. 7:27-16.2(s)1].	None.
8	Equip each fixed roof support column and well with a sliding cover that is gasketed or with flexible fabric sleeves. [N.J.A.C. 7:27-16.2(l)7i]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
9	Equip each ladder well with a gasketed cover. The cover shall be closed at all times, with no visible gaps, except when the well must be opened for access. [N.J.A.C. 7:27-16.2(l)7ii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
10	Equip each access hatch and gauge float well with a cover that is gasketed and bolted. Equip each gauge float well with a cover that is either gasketed and weighted or gasketed and bolted. The cover shall be closed at all times, with no visible gaps, except when the hatch or well must be opened for access. [N.J.A.C. 7:27-16.2(l)1i] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
11	Equip each gauge hatch/sample well with a cover that is gasketed. The cover shall be closed at all times, with no visible gaps, except when the hatch or well must be opened for access. [N.J.A.C. 7:27-16.2(l)1ii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
12	Gasket or cover each adjustable roof leg with a VOC impervious sock at all times when the roof is floating. [N.J.A.C. 7:27-16.2(l)1iii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
13	Gasket each rim vent. Rim vents shall be closed at all times, with no visible gaps, when the roof is floating; and shall be set to open only when the roof is being floated off the roof leg supports or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. [N.J.A.C. 7:27-16.2(l)1iv] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
14	Gasket each vacuum breaker. Vacuum breakers shall be closed at all times, with no visible gaps, when the roof is floating; and shall be set to open only when the roof is being floated off or is being landed on the roof leg supports. [N.J.A.C. 7:27-16.2(l)1v] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
15	Equip each open floating roof drain with a slotted membrane fabric cover or other device with an equivalent control efficiency that covers at least 90 percent of the area of the opening. [N.J.A.C. 7:27-16.2(l)1vi] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
16	Equip each unslotted guidepole well with a gasketed sliding cover and a flexible fabric sleeve or wiper. [N.J.A.C. 7:27-16.2(l)1vii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
17	Equip each unslotted guidepole with a gasketed cover at the end of the pole. The cover shall be closed at all times, with no visible gaps, except when gauging or sampling. [N.J.A.C. 7:27-16.2(l)1viii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
18	Equip each slotted guidepole with a gasketed cover, a pole wiper and a pole sleeve. The pole sleeve shall be extended into the stored liquid. [N.J.A.C. 7:27-16.2(l)1ix] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
19	Equip each slotted guidepole having a pole float with a gasketed cover, a pole wiper, and a pole float wiper. The wiper or seal of the pole float shall be at or above the height of the pole wiper. [N.J.A.C. 7:27-16.2(l)1x] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
20	Cover each slotted guidepole opening with a gasketed cover at all times, with no visible gaps, except when the cover must be opened for access. [N.J.A.C. 7:27-16.2(l)1xi] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
21	Maintain the pole float in a condition such that it floats within the guidepole at all times except when it must be removed for sampling or when the tank is empty. [N.J.A.C. 7:27-16.2(l)1xii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
22	Except for vacuum breakers and rim vents, ensure that each opening in the external floating roof shall provide a projection below the liquid surface. [N.J.A.C. 7:27-16.2(l)1xiii] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
23	Except for vacuum breakers, rim vents, roof drains, and leg sleeves, equip all other openings in the roof with a gasketed cover or seal that is closed at all times, with no visible gaps, except when the cover or seal must be opened for access. [N.J.A.C. 7:27-16.2(l)1xiv] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
24	In lieu of complying with the requirement of no visible gap at [N.J.A.C. 7:27-16.2 (l)1i, ii, iv, v, viii, xi and xiv], maintain all roof openings in a leak-free condition at all times except during preventive maintenance, repair, or inspection periods specified at N.J.A.C. 7:27-16.2 (r). [N.J.A.C. 7:27-16.2(l)2] and [N.J.A.C. 7:27-16.2(l)7iii]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
25	Equip the tank with a rim seal system consisting of a liquid-mounted primary seal. Gaps between the tank shell and the primary seal shall not exceed 1.3 centimeters (1/2 inch) for a cumulative length of 30 percent of the circumference of the tank, and 0.32 centimeters (1/8 inch) for 60 percent of the circumference of the tank. No gap between the tank shell and the primary seal shall exceed 3.8 centimeters (1-1/2 inches). No continuous gap between the tank shell and the primary seal greater than 0.32 centimeters (1/8 inch) shall exceed 10 percent of the circumference of the tank. [N.J.A.C. 7:27-16.2(l)3iii] and [N.J.A.C. 7:27-16.2(l)7iv1]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
26	Equip the tank with a rim seal system consisting of a liquid-mounted primary seal. The primary seal envelope shall be made available for unobstructed inspection by the Department, upon request, along its circumference. In the case of riveted tanks with resilient filled primary seals, at least eight such locations shall be made available; for all other types of seals, at least four such locations shall be made available. If the Department deems it necessary, further unobstructed inspection of the primary seal may be required to determine the seal's condition along its entire circumference. [N.J.A.C. 7:27-16.2(l)3vii] and [N.J.A.C. 7:27-16.2(l)7iv1]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
27	Equip the tank with a rim seal system consisting of a liquid-mounted primary seal. Except during preventive maintenance, repair, or inspection periods specified at N.J.A.C. 7:27-16.2(r) that do not exceed 72 hours, the primary seal shall cover the annular space between the floating roof and the wall of the storage tank in a continuous fashion, as required at N.J.A.C. 7:27-16.2 (l)3iii and iv. [N.J.A.C. 7:27-16.2(l)3x] and [N.J.A.C. 7:27-16.2(l)7iv1]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
28	A mechanical shoe primary seal shall have one end extend a minimum vertical distance of 15 centimeters (six inches) above the stored organic liquid surface and the other end extend into the liquid a minimum of 10 centimeters (four inches). [N.J.A.C. 7:27-16.2(l)7iv2A]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
29	Equip the tank with a rim seal system consisting of a primary seal and a secondary seal. The primary seal shall be a mechanical shoe or liquid mounted seal. A vapor mounted primary seal may be used on a tank with a shell that has riveted or lap-welded horizontal seams. The secondary seal shall be rim-mounted and shall not be attached to the primary seal. [N.J.A.C. 7:27-16.2(l)3i & ii] and [N.J.A.C. 7:27-16.2(l)7iv2B]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
30	Gaps between the tank shell and the primary seal shall not exceed 1.3 centimeters (1/2 inch) for a cumulative length of 30 percent of the circumference of the tank, and 0.32 centimeters (1/8 inch) for 60 percent of the circumference of the tank. No gap between the tank shell and the primary seal shall exceed 3.8 centimeters (1-1/2 inches). No continuous gap between the tank shell and the primary seal greater than 0.32 centimeters (1/8 inch) shall exceed 10 percent of the circumference of the tank. [N.J.A.C. 7:27-16.2(l)3iii] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
31	Gaps between the tank shell and the secondary seal shall not exceed 0.32 centimeters (1/8 inch) for a cumulative length of 95 percent of the circumference of the tank. No gap between the tank shell and the secondary seal shall exceed 1.3 centimeters (1/2 inch). [N.J.A.C. 7:27-16.2(l)3iv] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
32	The geometry of the shoe shall be such that the maximum gap between the shoe and the tank shell is no greater than doubled the gap allowed by the seal gap criteria specified in (l)3iii above for a length of at least 46 centimeters (18 inches) in the vertical plane above the liquid surface. [N.J.A.C. 7:27-16.2(l)3vi] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
33	The primary seal envelope shall be made available for unobstructed inspection by the Department, upon request, along its circumference. In the case of riveted tanks with resilient filled primary seals, at least eight such locations shall be made available; for all other types of seals, at least four such locations shall be made available. If the Department deems it necessary, further unobstructed inspection of the primary seal may be required to determine the seal's condition along its entire circumference. [N.J.A.C. 7:27-16.2(l)3vii] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
34	The secondary seal shall be installed in a way that permits probes up to 3.8 centimeters (1-1/2 inches) in width to be inserted to measure gaps in the primary seal. [N.J.A.C. 7:27-16.2(l)3viii] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
35	There shall be no holes, tears or openings in the secondary seal or in the primary seal envelope surrounding the annular vapor space enclosed by the roof edge, seal fabric, and secondary seal. [N.J.A.C. 7:27-16.2(l)3ix] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
36	Except during preventive maintenance, repair, or inspection periods specified at N.J.A.C. 7:27-16.2(r) that do not exceed 72 hours, both the primary seal and the secondary seal shall cover the annular space between the floating roof and the wall of the storage tank in a continuous fashion, as required at N.J.A.C. 7:27-16.2 (l)3iii and iv. [N.J.A.C. 7:27-16.2(l)3x] and [N.J.A.C. 7:27-16.2(l)7iv2]	None.	None.	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
37	For an internal floating roof installed prior to July 23, 1984, ensure that the concentration of organic vapor in the vapor space above the internal floating roof shall not exceed 50 percent of its lower explosive limit. [N.J.A.C. 7:27-16.2(l)7v]	Other: Measure the organic vapor concentration in the vapor space above the floating roof in terms of the lower explosive limit (LEL), annually, using an explosimeter. [N.J.A.C. 7:27-16.2(r)6i] and[N.J.A.C. 7:27-16.2(r)8].	Other: Record the explosimeter reading in section E of the Inspection Form, annually.[N.J.A.C. 7:27-16.2(r)6i].	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
38	For an internal floating roof installed after July 23, 1984, ensure that the concentration of organic vapor in the vapor space above the internal floating roof shall not exceed 30 percent of its lower explosive limit. [N.J.A.C. 7:27-16.2(l)7vi]	Other: Measure the organic vapor concentration in the vapor space above the floating roof in terms of the lower explosive limit (LEL), annually, using an explosimeter. [N.J.A.C. 7:27-16.2(r)6i] and[N.J.A.C. 7:27-16.2(r)8].	Other: Record the explosimeter reading in section E of the Inspection Form, annually.[N.J.A.C. 7:27-16.2(r)6i].	Comply with the requirement: As per the approved schedule on or before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020, if the tank was in existence on May 18, 2009, or on initial fill if the tank is constructed on or after May 19, 2009. [N.J.A.C. 7:27-16.2(l)7]
39	If the tank was constructed or installed on or after December 17, 1979, the tank shall be provided with a double seal floating roof. This requirement shall remain in effect for any such tank until N.J.A.C. 7:27-16.2(l)3, 5, 6 or 7 becomes applicable for that tank. [N.J.A.C. 7:27-16.2(l)8i]	None.	None.	None.
40	The roof shall float on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. This condition applies before the tank is refilled after being degassed for the first time after May 19, 2009, but no later than May 1, 2020. [N.J.A.C. 7:27-16.2(m)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
41	The findings of any tank inspection, whether completed or not, shall be recorded on the Inspection Form at N.J.A.C. 7:27-16 Appendix II. [N.J.A.C. 7:27-16.2(r)1]	None.	Other: The findings of any tank inspection, whether completed or not, shall be recorded on the Inspection Form at N.J.A.C. 7:27-16 Appendix II. If an inspection is stopped before completion, indicate the reason for this action in section J “Comments” of the Inspection Form. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)1] and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]
42	During the inspection, the authorized inspector performing the inspection must have a copy of the relevant portions of the Operating Permit pertinent to the tank being inspected. The authorized inspector shall compare the permit to the existing tank and actual operating conditions of the tank. [N.J.A.C. 7:27-16.2(r)2]	None.	Other: Annually complete all necessary calculations and record all required data accordingly in the Inspection Form and Fugitive Emissions Form at N.J.A.C. 7:27-16 Appendix II. Record any discrepancies between the permit equipment description and the existing tank, or the permit conditions and the actual operating conditions of the tank, as verified during an inspection, in section J “Comments” of the Inspection Form. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)2], [N.J.A.C. 7:27-16.2(r)4], and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]
43	An authorized inspector shall annually inspect the ground level periphery of each tank for possible leaks in the tank shell. [N.J.A.C. 7:27-16.2(r)3]	None.	Other: Complete section D “Ground Level Inspection” of the Inspection Form Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)4] and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
44	Annually, through hatch or other opening, inspect the roof to check for permit and rule violations, and visually checking the roof for unsealed roof legs, open hatches, open emergency roof drains, or open vacuum breakers. [N.J.A.C. 7:27-16.2(r)6ii] and [N.J.A.C. 7:27-16.2(r)8]	None.	Other: Record the findings under section F of the Inspection Form, annually. Indicate presence of any tears in the fabric of the visible seal. Record the findings under section F of the Inspection Form. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)6ii], [N.J.A.C. 7:27-16.2(r)8], and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]
45	Each time the tank is degassed, but no less than once every 10 years, inspect the deck fittings for visible gaps using the 1/8 inch probes. [N.J.A.C. 7:27-16.2(r)5ii], [N.J.A.C. 7:27-16.2(r)6iii], and [N.J.A.C. 7:27-16.2(r)8]	None.	Other: Annually complete all necessary calculations and record all required data accordingly in the Inspection Form and Fugitive Emissions Form at N.J.A.C. 7:27-16 Appendix II. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)5ii], [N.J.A.C. 7:27-16.2(r)6iii], [N.J.A.C. 7:27-16.2(r)8], and[N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]
46	Each time the tank is degassed, but no less than once every 10 years, inspect the entire secondary seal for the gap requirements at N.J.A.C. 7:27-16.2 (l)3iv using the 1/8 inch, 1/2 inch, and 1-1/2 inch probes. [N.J.A.C. 7:27-16.2(r)5iii], [N.J.A.C. 7:27-16.2(r)6iii], and [N.J.A.C. 7:27-16.2(r)8]	None.	Other: Record the gap data in section F(4) of the Inspection Form. Record all cumulative gaps between 1/8 inch and 1/2 inch, between 1/2 inch and 1-1/2 inch, and in excess of 1-1/2 inches, in section G of the Inspection Form. Measure all secondary seal gaps greater than 1/2 inch for length and width, and record in section J “Comments” of the Inspection Form. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)5iii], [N.J.A.C. 7:27-16.2(r)6iii], [N.J.A.C. 7:27-16.2(r)8], and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
47	Each time the tank is degassed, but no less than once every 10 years, inspect the entire primary seal for the gap requirements at N.J.A.C. 7:27-16.2 (l)3iii using the 1/8 inch, 1/2 inch and 1-1/2 inch probes. The primary seal shall be inspected by holding back the secondary seal. [N.J.A.C. 7:27-16.2(r)5iv], [N.J.A.C. 7:27-16.2(r)6iii], and [N.J.A.C. 7:27-16.2(r)8]	None.	Other: Record the gap data in section F(5) of the Inspection Form. Record all cumulative gaps between 1/8 inch and 1/2 inch; between 1/2 inch and 1-1/2 inch; and in excess of 1-1/2 inches, in section G of the Inspection Form. Maintain all inspection reports for the lifetime of each tank. [N.J.A.C. 7:27-16.2(r)5iv], [N.J.A.C. 7:27-16.2(r)6iii], [N.J.A.C. 7:27-16.2(r)8], and [N.J.A.C. 7:27-16.2(s)5].	Conduct an inspection: As per the approved schedule. Required inspections that do not require entry into the tank shall be done annually. Required inspections that require entry into the tank shall be done each time the tank is degassed, and no less than once every ten years. [N.J.A.C. 7:27-16.2(r)]
48	Any VOC stationary storage tank in Range III shall repair or replace any piping, valve, vent, seal, gasket, or cover of a roof opening that: i. Is defective; ii. Has a visible gap or is not leak-free; or iii. Does not meet any applicable requirement of N.J.A.C. 7:27-16.2. [N.J.A.C. 7:27-16.2(r)10]	None.	Other: Maintain on-site, for each tank, for at least 5 years, the repair and replacement documentation. [N.J.A.C. 7:27-16.2(s)8] and[N.J.A.C. 7:27-16.22(a)].	Repair equipment: As per the approved schedule ; i. If the tank is already degassed, prior to filling; or ii. If the tank is not degassed, within 45 days after discovery of the needed repair or replacement. If a repair cannot be completed and the vessel cannot be emptied within 45 days, the owner or operator may use up to two extensions of up to 30 additional days each. Documentation of the owner or operators decision to use an extension shall include a description of the failure, shall document that alternative storage capacity is unavailable, and shall specify a schedule of actions that will ensure that the control equipment will be repaired or the vessel will be completely emptied as soon as practicable . [N.J.A.C. 7:27-16.2(r)11]
49	The permittee shall maintain records of all tank integrity testing schedules for Range III tanks that N.J.A.C. 7:1E-4.2(c)1v requires to be included in the "Discharge, Prevention, Containment and Countermeasure Plan". [N.J.A.C. 7:27-16.2(s)7]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
50	If, during an inspection required at N.J.A.C. 7:27-16.2(r) , or at any other time, the permittee determines that a tank does not comply with N.J.A.C. 7:27-16.2(l) , the permittee shall submit a written report to the Department including the cause of the non-compliance, corrective actions to achieve compliance and measures taken to prevent a re-occurrence of the non-compliance. If the facility has an operating permit, in accordance with N.J.A.C. 7:27-22, the permittee shall include this report as part of the periodic compliance reports required at N.J.A.C. 7:27-22.19(d) and (f). [N.J.A.C. 7:27-16.2(u)]	None.	None.	None.
51	Total Material Transferred: <= 747,150,000 MMGal/yr. Total combined annual throughput. [N.J.A.C. 7:27-22.16(a)]	Total Material Transferred: Monitored by material feed/flow monitoring during the entire loading cycle. Materials feed into tanks can be monitored by feed receipts, and materials output from tanks can be monitored by loading racks receipts. [N.J.A.C. 7:27-22.16(o)]	Total Material Transferred: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. [N.J.A.C. 7:27-22.16(o)]	None.
52	VOC (Total) <= 16.43 tons/yr. Total annual emission rate based on 747,150,000 MMgal/yr throughput. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
53	Vapor Pressure <= 11 psia at the highest mothly average temperature. Storage tank contents limited to any petroleum hydrocarbon liquid (treated as gasoline) or VOC that is not a HAP as defined at 40 CFR 63.1(a)(2). [N.J.A.C. 7:27-22.16(a)]	Vapor Pressure: Monitored by invoices/bills of lading per delivery.[N.J.A.C. 7:27-22.16(o)].	Vapor Pressure: Recordkeeping by invoices / bills of lading / certificate of analysis per delivery. [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
54	All requests, reports, applications, submittals, and other communications to the Administrator pursuant to Part 60 shall be submitted in duplicate to the Regional Office of US Environmental Protection Agency. Submit information to: Region 2, Director, Air and Waste Management Division, US Environmental Protection Agency, 21st Floor, 290 Broadway, New York, NY 10007 [NSPS Subpart A - General Provisions]. [40 CFR 60.4(a)]	None.	None.	Submit a report: As per the approved schedule to EPA Region 2 as required by 40 CFR 60. [40 CFR 60.4(a)]
55	Copies of all information submitted to EPA pursuant to 40 CFR Part 60, must also be submitted to the appropriate Regional Enforcement Office of NJDEP [NSPS Subpart A - General Provisions]. [40 CFR 60.4(b)]	None.	None.	Submit a report: As per the approved schedule to the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60. [40 CFR 60.4(b)]
56	The owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, of the date of construction or reconstruction of an affected facility as defined under 40 CFR Part 60 Subpart A. Notification shall be postmarked no later than 30 days after such date [NSPS Subpart A - General Provisions]. [40 CFR 60.7(a)(1)]	None.	None.	Submit notification: Upon occurrence of event to EPA Region 2 and the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60.7 [40 CFR 60.7(a)(1)]
57	The owner or operator subject to the provisions of 40 CFR Part 60 shall furnish the Administrator written notification or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, of the actual date of initial startup of an affected facility postmarked within 15 days after such date [NSPS Subpart A - General Provisions]. [40 CFR 60.7(a)(3)]	None.	None.	Submit notification: Upon occurrence of event to EPA Region 2 and the appropriate Regional Enforcement Office of NJDEP as required by 40 CFR 60.7 [40 CFR 60.7(a)(3)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
58	The owner or operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility, any malfunction of air pollution control equipment or any periods during which continuous monitoring system or monitoring device is inoperative [NSPS Subpart A - General Provisions]. [40 CFR 60.7(b)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The records should be kept in a permanent form suitable for inspections. [40 CFR 60.7(b)]	None.
59	The owner or operator shall maintain a file, suitable for inspection, of all monitoring measurements as indicated in Recordkeeping Requirement column [NSPS Subpart A - General Provisions]. [40 CFR 60.7(f)]	None.	Other: The file shall include all measurements (including continuous monitoring system, monitoring device, and performance testing measurements), all continuous monitoring system performance evaluations, all continuous monitoring system or monitoring device calibration checks, all adjustments/maintenance performed on these systems or devices, and all other information required by 40 CFR Part 60 recorded in a permanent form suitable for inspection. [40 CFR 60.7(f)].	None.
60	At all times, including periods of start-up, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operation and maintenance procedures, and inspection of the source [NSPS Subpart A - General Provisions]. [40 CFR 60.11(d)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
61	No owner or operator subject to NSPS standards in Part 60, shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere [NSPS Subpart A - General Provisions]. [40 CFR 60.12]	None.	None.	None.
62	Changes in time periods for submittal of information and postmark deadlines set forth in this subpart, may be made only upon approval by the Administrator and shall follow procedures outlined in 40 CFR Part 60.19 [NSPS Subpart A - General Provisions]. [40 CFR 60.19]	None.	None.	None.
63	The owner or operator of each storage vessel shall equip each storage vessel with a fixed roof in combination with an internal floating roof. [40 CFR 60.112b(a)(1)]	None.	None.	Demonstrate compliance: As per the approved schedule The owner or operator shall after installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3). [40 CFR 60.115b(a)(1)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
64	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [40 CFR 60.112b(a)(1)(i)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
65	Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: (A) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. (B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous. (C) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [40 CFR 60.112b(a)(1)(ii)]	Other: The owner or operator of each storage vessel shall: For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B): (i) Visually inspect the vessel as specified in paragraph 40 CFR 60.113b(a)(4) at least every 5 years; or (ii) Visually inspect the vessel as specified in paragraph 40 CFR 60.113b(a)(2). In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs 40 CFR 60.113b(a)(2) and 40 CFR 60.113b(a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i). [40 CFR 60.113b(a)(2)] & [40 CFR 60.113b(a)(3)(i)] & [40 CFR 60.113b(a)(3)(ii)] &[40 CFR 60.113b(a)(4)].	Other: The owner or operator shall keep a record of each inspection performed as required by 40 CFR 60.113b(a)(3). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).[40 CFR 60.115b(a)(2)].	Submit a report: As per the approved schedule If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible. [40 CFR 60.113b(a)(2)] &. [40 CFR 60.115b(a)(3)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
66	CONTINUATION OF COMPLIANCE STATUS MONITORING REQUIREMENT. [40 CFR 60.113b(a)]	Other: 40 CFR 60.113b(a) (CONTINUED) In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs 40 CFR 60.113b(a)(2) and 40 CFR 60.113b(a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in paragraph 40 CFR 60.113b(a)(3)(i). [40 CFR 60.113b(a)(1)] &[40 CFR 60.113b(a)(4)].	None.	None.
67	The owner or operator shall keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. [40 CFR 60.116b(b)]	None.	Recordkeeping by manual logging of parameter or storing data in a computer data system at the approved frequency. Records shall be maintained for the life of the source. [40 CFR 60.116b(a)]	None.
68	Storage vessel shall be equipped with a fixed roof in combination with an internal floating roof. [40 CFR 60.112b(a)(1)]	Monitored by visual determination upon installation of the control device, prior to filling and each time the storage vessel is emptied or degassed. Visually inspect the internal floating roof and primary and secondary seals as specified at 40 CFR 60.113b(a)(1) and (a)(4). [40 CFR 60.113b(a)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall keep a record of each inspection. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed conditions of each component of the control equipment (seals, internal floating roof, and fittings). The owner or operator shall keep a copy of the records for at least 2 years. [40 CFR 60.115b(a)(2)]	Submit notification: As per the approved schedule. The owner or operator shall notify the Administrator in writing at least 30 days prior to the filling or refilling of the storage vessel. If the inspection required by 40 CFR 60.113b(a)(4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. [40 CFR 60.113b(a)(5)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
69	Storage vessel shall be equipped with a closed vent system and control device. [40 CFR 60.112b(a)(3)]	Other: Operate the closed vent system and control device and monitor the parameters of the closed vent system and control device in accordance with the operating plan submitted to the Administrator in accordance with 40 CFR 60.113b(c)(1) of this section, unless the plan was modified by the Administrator during the review process. In this case, the modified plan applies. [40 CFR 60.113b(c)(2)].	Recordkeeping by manual logging of parameter or storing data in a computer data system continuously. The owner or operator shall keep a copy of the operating plan, and a record of the measured values of the parameters monitored in accordance with 40 CFR 60.113b(c)(2). The owner or operator shall keep a copy of the records for at least 2 years and a copy of the operating plan for the life of the equipment. [40 CFR 60.115b(c)]	Submit a plan: Once initially. The owner or operator shall submit for approval by the Administrator as an attachment to the notification required by 40 CFR 60.7(a)(1) an operating plan containing the information listed at 40 CFR 60.113b(c)(1)(i) and (ii). The owner or operator shall operate and monitor the closed vent system and control device in accordance with the operating plan, or, if the Administrator modifies the plan, in accordance with the modified plan. [40 CFR 60.113b(c)(1)]
70	Storage vessel shall be equipped with a closed vent system and control device. [40 CFR 60.112b(a)(3)]	None.	None.	None.
71	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid at all times except during initial fill and during those intervals when the storage vessel is completely emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. [40 CFR 60.112b(a)(1)(i)]	None.	None.	None.
72	The internal floating roof shall be equipped with either (A) a foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal); (B) two seals mounted one above the other; or (C) a mechanical shoe seal. [40 CFR 60.112b(a)(1)(ii)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
73	The internal floating roof shall be equipped with a foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid- filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank. [40 CFR 60.112b(a)(1)(iiA)]	Monitored by visual determination annually. Visually inspect the internal floating roof and primary and secondary seals, once every 12 months after initial fill, as specified at 40 CFR 60.113b(a)(2). [40 CFR 60.113b(a)(2)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall keep a record of each inspection. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed conditions of each component of the control equipment (seals, internal floating roof, and fittings). The owner or operator shall keep a copy of the records for at least 2 years. [40 CFR 60.115b(a)(2)]	Submit a report: Once initially If any of the conditions described at 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), the owner or operator shall furnish the Administrator with a report which identifies the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. The report shall be submitted to the Administrator within 30 days of the inspection. [40 CFR 60.115b(a)(3)]
74	The internal floating roof shall be equipped with two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor mounted but both must be continuous. [40 CFR 60.112b(a)(1)(iiB)]	Monitored by visual determination at the approved frequency. Visually inspect the internal floating roof, the primary and secondary seals, gaskets, slotted membranes, and sleeve seals as specified at 40 CFR 60.113b(a)(4) each time the storage vessel is emptied and degassed at intervals of no greater than 5 years. [40 CFR 60.113b(a)(4)] and [40 CFR 60.113b(a)(3)(i)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall keep a record of each inspection. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed conditions of each component of the control equipment (seals, internal floating roof, and fittings). The owner or operator shall keep a copy of the records for at least 2 years. [40 CFR 60.115b(a)(2)]	Submit a report: Once initially If an inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), the owner or operator shall submit a report identifying the storage vessel and the reasons it did not meet the specifications of 40 CFR 60.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made. The report shall be submitted to the Administrator within 30 days of the inspection. [40 CFR 60.115b(a)(3)]
75	The internal floating roof shall be equipped with a mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weight levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof. [40 CFR 60.112b(a)(1)(iiC)]	Monitored by visual determination annually. Visually inspect the internal floating roof and primary and secondary seals, once every 12 months after initial fill, as specified at 40 CFR 60.113b(a)(2). [40 CFR 60.113b(a)(2)]	Recordkeeping by manual logging of parameter or storing data in a computer data system upon occurrence of event. The owner or operator shall keep a record of each inspection. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed conditions of each component of the control equipment (seals, internal floating roof, and fittings). The owner or operator shall keep a copy of the records for at least 2 years. [40 CFR 60.115b(a)(2)]	Submit a report: Once initially If any of the conditions described at 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), the owner or operator shall furnish the Administrator with a report which identifies the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. The report shall be submitted to the Administrator within 30 days of the inspection. [40 CFR 60.115b(a)(3)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
76	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. [40 CFR 60.112b(a)(1)(iii)]	None.	None.	None.
77	Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use. [40 CFR 60.112b(a)(1)(iv)]	None.	None.	None.
78	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. [40 CFR 60.112b(a)(1)(v)]	None.	None.	None.
79	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting. [40 CFR 60.112b(a)(1)(vi)]	None.	None.	None.
80	Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90% of the opening. [40 CFR 60.112b(a)(1)(vii)]	None.	None.	None.
81	Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover. [40 CFR 60.112b(a)(1)(viii)]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
82	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(ix)]	None.	None.	None.
83	The primary seal shall be either a mechanical shoe seal or a liquid mounted seal. The seal shall completely cover the annular space between the edge of the floating roof and the tank wall. [40 CFR 60.112b(a)(2)(i)]	None.	None.	None.
84	The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4). [40 CFR 60.112b(a)(2)(i)]	None.	None.	None.
85	The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and to be operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and by visual inspections, as determined in part 60, subpart V V, 40 CFR 60.485(b). [40 CFR 60.112b(a)(3)(i)]	None.	None.	None.
86	The control device shall be designed and operated to reduce inlet VOC emissions by 95% or greater. The flare shall meet the specification in the general control device requirements of the general provisions in 40 CFR 60.18. [40 CFR 60.112b(a)(3)(ii)]	None.	None.	None.
87	The owner or operator of each storage vessel shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. [40 CFR 60.116b(b)]	None.	Other: The record will be kept for the life of the source. The owner or operator of each storage vessel shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. [40 CFR 60.116b(a)] &[40 CFR 60.116b(b)].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
88	By January 10, 2011, the owner or operator of a pipeline breakout station must meet each emission limit and management practice in Table 1 of Subpart BBBBBB that applies to your gasoline storage tank, except that storage vessels equipped with floating roofs and not meeting the requirements of Table 1 must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first. The facility is complying with option 2(b) of Table 1. [40 CFR 63.11087(a)]	Other: Beginning January 10, 2011, if your gasoline storage tank is equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of 60.113b(a) if you are complying with option 2(b) in Table 1 of Subpart BBBBBB. [40 CFR 63.11087(c) and[40 CFR 63.11092(e)].	Other: Each owner or operator of a bulk gasoline terminal whose storage vessels are subject to the provisions of Subpart BBBBBB shall keep records as specified in 60.115b of 40 CFR part 60 if you are complying with options 2(a), 2(b), or 2(c) in Table 1, except records should be kept for at least 5 years.[40 CFR 63.11094(a)].	Other (provide description): Other Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required prior to returning to service or a ten year out of service inspection to afford the Administrator the opportunity to have an observer present. If the 10 year out of service inspection required is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notify the administrator within 30 days of any of the conditions identified as requiring repair within 45 days. [40 CFR 60.113b(a)(5)] and. [40 CFR 63.11092(e)(1)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
89	Beginning in 2011, each owner or operator of a bulk gasoline terminal shall include in a semi-annual compliance report to the Administrator the following information for the internal floating roof tanks (Option 2(b) of Table 1): (1) A description of the control equipment & certification that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) & 40 CFR 60.113b(a)(1); (2) A record of each inspection performed, identifying the storage vessel on which the inspection was performed, the date the vessel was inspected, & the observed condition of each component of the control equipment (seals, internal floating roof, & fittings); (3) If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection, a report identifying the storage vessel, the nature of the defects, & the date the storage vessel was emptied or the nature of & date the repair was made; (4) After each inspection that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report identifying the storage vessel & the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) & list each repair made. [40 CFR 60.115b(a)] & [40 CFR 63.11095(a)(1)]	Other: Perform inspections of the internal floating roof system according to the requirements of 40 CFR 60.113b(a). [40 CFR 63.11087(c)] &[40 CFR 63.11092(e)(1)].	Other: Keep records as specified in 40 CFR 60.115b(a) for internal floating roof tanks, except records should be kept for at least 5 years.[40 CFR 63.11094(a)].	Submit a report: Semi-annually on January 31 and July 31 of each year to EPA Region II Administrator and the NJDEP Southern Regional Enforcement Office. For storage vessels, if you are complying with option 2(b) in Table 1 of 40 CFR 63 Subpart BBBBBB, the report will contain the information specified in 40 CFR 60.115b(a). [40 CFR 63.11095(a)]

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
90	The permittee must comply with the requirements of the General Provisions (40 CFR part 63, subpart A) according to Table 6 of Subpart BBBBBB of 40 CFR 63. [40 CFR 63.11587]	None.	None.	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U400 Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC**

Operating Scenario: **OS19722 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 428,271 Gallons, OS20482 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 352,206 Gallons, OS21472 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 361,247 Gallons, OS21482 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 124,955 Gallons**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC Roof Landing Emissions < 5 tons/yr per tank. This tank is exempt from the requirements of N.J.A.C.7:27-16.2(p). [N.J.A.C. 7:27-16.2(f)6] and. [N.J.A.C. 7:27-22.16(a)]	VOC Roof Landing Emissions: Monitored by calculations each month during operation. Calculate the emissions resulting from in-service floating roof landings (as defined at N.J.A.C.7:27-16.1) each month during operating using the methodology described at AP-42, Chapter 7 (November 2006 or later version). [N.J.A.C. 7:27-16.2(f)6] and. [N.J.A.C. 7:27-22.16(o)]	VOC Roof Landing Emissions: Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. The owner or operator shall maintain on-site, for each tank, for five years: 1. Records that specify each VOC stored and the vapor pressure of each VOC at standard conditions; 2. Records of the roof landing emission information required at N.J.A.C. 7:27-21.5(j)1; 3. The records of each floating roof landing event including, but not limited to, tank contents before landing and after refilling; landed height of the floating roof; height of any liquid remaining in the bottom of the tank after landing; duration of landing; landing emissions calculated using AP-42, Chapter 7 methodology, and any other records needed to create the "Floating Roof Landing Emission Summary Report" required at N.J.A.C. 7:27-21.5(j)2. 4. The in-service roof landing emissions for the calendar month and the sum-to-date in-service roof landing emissions for the calendar year. [N.J.A.C. 7:27-16.2(f)6], [N.J.A.C. 7:27-16.2(s)1], and . [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
2	When performing a roof landing of an internal floating roof tank: 1. When the roof is resting on its leg supports or suspended by cables or hangers, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible; and 2. After the tank is refilled after being degassed for the first time after May 19, 2009, any in-service roof landing shall be with the landed height of the floating roof at its minimum setting. [N.J.A.C. 7:27-16.2(o)]	None.	Other: Maintain on-site for each tank, for five years, the records of the roof landing emission information required at N.J.A.C. 7:27-21.5(j)1, the records of each floating roof landing event including, but not limited to, tank contents before landing and after refilling; landed height of the floating roof; height of any liquid remaining in the bottom of the tank after landing; duration of landing; landing emissions calculated using AP-42, Chapter 7 methodology, and any other records needed to create the “Floating Roof Landing Emission Summary Report” required at N.J.A.C. 7:27-21.5(j)2. [N.J.A.C. 7:27-16.2(s)2 & 3] and[N.J.A.C. 7:27-16.22(a)].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U400 Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC**

Operating Scenario: **OS19723 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 428,271 Gallons, OS20483 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 352,206 Gallons, OS21473 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 361,247 Gallons, OS21483 Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 124,955 Gallons**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	On and after May 1, 2010, during May 1 through September 30, degas a tank storing a VOC with a vapor pressure equal to or greater than 0.5 psia at standard conditions as follows: i. Empty the tank of the VOC liquid; ii. Minimize VOC vapors in the tank vapor space by the method specified at [N.J.A.C. 7:27-16.2(q)1ii(1), (2) or (3)] iii. Discharge or displace the VOC vapors contained in the tank vapor space to a vapor control system that is vapor-tight and free of liquid leaks; and iv. As appropriate, temporarily remove for no longer than one hour, a suitable tank fitting, such as a manway, to facilitate connection to an external vapor control system. [N.J.A.C. 7:27-16.2(q)1]	None.	Other: Maintain on-site for each tank, records of all tank degassing activities.[N.J.A.C. 7:27-16.2(s)6].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
2	On and after May 1, 2010, during May 1 through September 30, clean a tank storing a VOC with a vapor pressure equal to or greater than 0.5 psia at standard conditions as follows: i. At least one of the following cleaning agents is used: (1) Diesel fuel; (2) A solvent with an initial boiling point of greater than 302 degrees Fahrenheit; (3) A solvent with a vapor pressure less than 0.5 psia; (4) A solvent with 50 grams per liter VOC content or less; or (5) Some other Department-approved cleaning agent; or ii. Steam cleaning is performed. [N.J.A.C. 7:27-16.2(q)2]	None.	Other: Maintain on-site for each tank, records of all tank cleaning activities.[N.J.A.C. 7:27-16.2(s)6].	None.
3	On and after May 1, 2010, during May 1 through September 30, shall control emissions from the sludge removed from a tank that stores a VOC with a vapor pressure equal to or greater than 1.5 psia at standard conditions by: i. During sludge removal, controlling emissions from the receiving vessel by operating a vapor control system that reduces VOC emissions by at least 95 percent; ii. Transporting removed sludge in containers that are vapor-tight and free of liquid leaks; and iii. Storing removed sludge, until final disposal, in containers that are vapor-tight and free of liquid leaks, or in tanks that comply with N.J.A.C. 7:27-16.2(b). [N.J.A.C. 7:27-16.2(q)3]	None.	Other: Maintain on-site for each tank, records of all tank sludge removal activities.[N.J.A.C. 7:27-16.2(s)6].	None.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Emission Unit: **U500 Underground Oil/Water Holding Tank**
Operating Scenario: **OS Summary**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	VOC (Total) <= 0.2 tons/yr. Maximum annual emission rate, based on the maximum annual throughput (2,000,000 gallons/year) and AP-42 factor. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
2	VOC (Total) <= 2.4 lb/hr. Maximum hourly emission rate, based on the maximum hourly throughput (12,000 gallons/hour) and AP-42 factor. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
3	Tank Contents limited to water with oil. [N.J.A.C. 7:27-22.16(e)]	None.	None.	None.
4	Total Material Transferred <= 2 MMgal/yr. Permittee's annual throughput limit through vessel. [N.J.A.C. 7:27-22.16(e)]	Other: Review of production records.[N.J.A.C. 7:27-22.16(o)].	Other: Production Records.[N.J.A.C. 7:27-22.16(o)].	None.

New Jersey Department of Environmental Protection
Facility Profile (General)

Facility Name (AIMS): Paulsboro - Sunoco LLC

Facility ID (AIMS): 55938

Street Address: PAULSBORO - SUNOCO LLC
7 NORTH DELAWARE ST
PAULSBORO, NJ 08066

Mailing Address: PAULSBORO - SUNOCO LLC
7 NORTH DELAWARE ST
PAULSBORO, NJ 08066

State Plane Coordinates:

X-Coordinate:	281,912
Y-Coordinate:	368,989
Units:	New Jersey State Plane 8
Datum:	NAD83
Source Org.:	DEP-GIS
Source Type:	Exact Address Match

County: Gloucester

Location Description: Industrial area adjacent to Refinery

Industry:

Primary SIC:	4226
Secondary SIC:	
NAICS:	493190

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization: Sunoco LP
Org. Type: LP
Name: Timothy Roessler
NJ EIN: 12345678811
Title: Sr. Manager Regional HSE
Phone: (908) 986-5441 x
Fax: (210) 918-5779 x
Other: (201) 741-3155 x
Type: Mobile
Email: timothy.roessler@sunoco.com
Mailing Address: Sunoco lp
3700 South Wood Ave
Linden, NJ 07036

Contact Type: BOP - Operating Permits

Organization: Sunoco LP
Org. Type: LP
Name: Timothy Roessler
NJ EIN: 00464151222
Title: Sr. Manager HSE
Phone: (908) 986-5441 x
Fax: ( ) - x
Other: (201) 741-3155 x
Type: Mobile
Email: timothy.roessler@sunoco.com
Mailing Address: Linden - Sunoco LLC
3700 South Wood Ave
Linden, NJ 07036

Contact Type: Emission Statements

Organization: Sunoco LP
Org. Type: LP
Name: Timothy Roessler
NJ EIN: 00464151222
Title: Sr. Manager HSE
Phone: (908) 986-5441 x
Fax: ( ) - x
Other: (201) 741-3155 x
Type: Mobile
Email: timothy.roessler@sunoco.com
Mailing Address: Linden - Sunoco LLC
3700 South Wood Ave
Linden, NJ 07036

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Environmental Officer

Organization: Sunoco LP
Name: Stephen J. Doyle
Title: Sr. Manager Environmental
Phone: (856) 579-5063 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: stephen.doyle@sunoco.com

Org. Type: LP
NJ EIN: 00223613082

Mailing Address: NuStar Energy, L.P.
875 Kings Highway
Suite 201
West Deptford, NJ 08096

Contact Type: Fees/Billing Contact

Organization: Sunoco LP
Name: Timothy Roessler
Title: Sr. Manager HSE
Phone: (908) 986-5441 x
Fax: ( ) - x
Other: (201) 741-3155 x
Type: Mobile
Email: timothy.roessler@sunoco.com

Org. Type: LP
NJ EIN: 00464151222

Mailing Address: Linden - Sunoco LLC
3700 South Wood Ave
Linden, NJ 07036

Contact Type: General Contact

Organization: Sunoco LP
Name: Timothy Roessler
Title: Sr. Manager HSE
Phone: (908) 986-5441 x
Fax: ( ) - x
Other: (201) 741-3155 x
Type: Mobile
Email: timothy.roessler@sunoco.com

Org. Type: LP
NJ EIN: 00464151222

Mailing Address: Linden - Sunoco LLC
3700 South Wood Ave
Linden, NJ 07036

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: **On-Site Manager**

Organization: Sunoco LP
Org. Type: LP
Name: Leon Barber
NJ EIN: 00464151222
Title: Sr. Terminal Operator
Phone: (856) 224-8903 x
Fax: ( ) - x
Other: ( ) - x
Type:
Email: leon.barber@sunoco.com
Mailing Address: Pauslboro - Sunoco LLC
7 North Delaware St
Paulsboro, NJ 08066

Contact Type: **Operator**

Organization: Sunoco LP
Org. Type: LP
Name: Sunoco, LLC
NJ EIN: 00464151222
Title:
Phone: ( ) - x
Fax: ( ) - x
Other: ( ) - x
Type:
Email:
Mailing Address: 8111 Westchester Drive
Dallas, TX 08096

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

Organization: Sunoco LP
Org. Type: LP
Name: Sunoco, LLC
NJ EIN: 00464151222
Title:
Phone: ( ) - x
Fax: ( ) - x
Other: ( ) - x
Type:
Email:
Mailing Address: 8111 Westchester Drive
Dallas, TX 08096

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: **Responsible Official**

Organization: Sunoco LP

Name: Craig Kumpel

Title: Sr. Director of Operations

Phone: (856) 579-5060 x

Fax: ( ) - x

Other: (609) 618-1352 x

Type: Mobile

Email: craig.kumpel@sunoco.com

Org. Type: LP

NJ EIN: 00464151222

Mailing Address:
Sunoco LP
875 Kings Highway
Suite 201
West Deptford, NJ 08096

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 06/07/2022

New Jersey Department of Environmental Protection
Non-Source Fugitive Emissions

FG NJID	Description of Activity Causing Emission	Location Description	Reasonable Estimate of Emissions (tpy)								
			VOC (Total)	NOx	CO	SO	TSP (Total)	PM-10	Pb	HAPS (Total)	Other (Total)
FG1	Equipment, Tanks, Pumps,valves, flanges	Yard - Terminal	0.323							0.04500000	
Total			0.323	0.000	0.000	0.000	0.000	0.000	0.000	0.04500000	0.000

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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	Additive Tanks <10K gal and VOC tanks <2K	Storage Vessel	Load Truck	0.001								
IS3	Tank Truck Loading	Other Equipment	Garage	1.390								
IS4	Insignificant Storage Tanks > 10K gallons storing non-applicable VOCs	Storage Vessel	Tank Farm	2.500								
IS5	Underground heating oil storage tank <2 K	Storage Vessel	Tank Farm	0.001								
Total				3.892	0.000	0.000	0.000	0.000	0.000	0.000	0.00000000	0.000

PAULSBORO - SUNOCO LLC (55938) Date: 6/7/2022
BOP220001

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	Tank A1	Tank A1, Cylindrical Horizontal Fixed Roof, 2005 Gallons	Storage Vessel	BOP990001		No		
E2	Tank A2	Tank A2, Cylindrical Horizontal Fixed Roof, 2005 Gallons	Storage Vessel	BOP990001		No		
E13	Tank 13A	Tank 13A, Cylindrical Vertical Fixed Roof, 19,997 Gallons	Storage Vessel	BOP990001		No		
E14	Tank 14A	Tank 14A, Cylindrical Vertical Fixed Roof, 8,000 Gallons	Storage Vessel	BOP990001		No		
E15	Tank 15	Tank 15, Cylindrical Horizontal Fixed Roof, 8,000 Gallons	Storage Vessel	BOP990001		No		
E100	LoadRack&VR	Load Rack & Carbon Adsorption Vapor Recovery Unit	Other Equipment	BOP990001		No		
E300	OfficeHeater	Heater, 2.05 MMBtu/hr, Natural Gas	Boiler	BOP990001		No		
E500	OilWaterTank	Oil/Water holding Tank, Cylindrical Horizontal Fixed Roof, 12,000 Gallons	Storage Vessel	BOP990001		No		
E1972	Tank 1972	Tank 1972, Cylindrical Internal Floating Roof Tank, 428,271 Gallons	Storage Vessel	BOP990001		No		
E2048	Tank 2048	Tank 2048, Cylindrical Internal Floating Roof Tank, 352,206 Gallons	Storage Vessel	BOP990001		No		

PAULSBORO - SUNOCO LLC (55938) Date: 6/7/2022
BOP220001

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
E2147	Tank 2147	Tank 2147, Cylindrical Internal Floating Roof Tank, 361,247 Gallons	Storage Vessel	BOP990001		No		
E2148	Tank 2148	Tank 2148, Cylindrical Internal Floating Roof Tank, 124,955 Gallons	Storage Vessel	BOP990001		No		

55938 PAULSBORO - SUNOCO LLC BOP220002 E2 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	2,005
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	
Length (ft):	12.00
Width (ft):	
Diameter (ft):	5.33
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Horizontal fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	No

55938 PAULSBORO - SUNOCO LLC BOP220002 E2 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	

55938 PAULSBORO - SUNOCO LLC BOP220002 E13 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	19,997
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	34.00
Length (ft):	
Width (ft):	
Diameter (ft):	10.08
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Vertical fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	

55938 PAULSBORO - SUNOCO LLC BOP220002 E13 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

55938 PAULSBORO - SUNOCO LLC BOP220002 E1 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	2,005
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	
Length (ft):	12.00
Width (ft):	
Diameter (ft):	5.33
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Horizontal fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	No

Does the storage vessel have a Conservation Vent?	
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:	

55938 PAULSBORO - SUNOCO LLC BOP220002 E14 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	8,000
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	21.33
Length (ft):	
Width (ft):	
Diameter (ft):	8.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Vertical fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	No

55938 PAULSBORO - SUNOCO LLC BOP220002 E14 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

55938 PAULSBORO - SUNOCO LLC BOP220002 E15 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	8,000
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	
Length (ft):	21.33
Width (ft):	
Diameter (ft):	8.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Horizontal fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	

55938 PAULSBORO - SUNOCO LLC BOP220002 E15 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

55938 PAULSBORO - SUNOCO LLC BOP220002 E100 (Other Equipment)
Print Date: 5/2/2022

Make:	1990
Manufacturer:	John Zink
Model:	AA-1218-11-7
Equipment Type:	Carbon Adsoption Vapor Recovery Unit
Capacity:	
Units:	
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: for E100 with two carbon adsorption vessels

55938 PAULSBORO - SUNOCO LLC BOP220002 E300 (Boiler)
Print Date: 5/2/2022

Make:	88 Series 2
Manufacturer:	Weil-McLain
Model:	788
Maximum Rated Gross Heat Input (MMBtu/hr - HHV):	2.05
Boiler Type:	Package
Utility Type:	Non-Utility
Output Type:	Steam Only
Steam Output (lb/hr):	
Fuel Firing Method:	
Description (if other):	
Draft Type:	
Heat Exchange Type:	Indirect

Is the boiler using? (check all that apply):

Low NOx Burner:	☐ Type:	
Staged Air Combustion:	☐	
Flue Gas Recirculation (FGR):	☐ Amount (%):	

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:	Natural Gas Fired 2006 scf/hr

55938 PAULSBORO - SUNOCO LLC BOP220002 E500 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	12,000
Units:	gallons
Ground Location:	Below Ground
Is the Shell of the Equipment Exposed to Sunlight?	No
Shell Color:	
Description (if other):	
Shell Condition:	
Paint Condition:	
Shell Construction:	
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	
Length (ft):	32.00
Width (ft):	
Diameter (ft):	8.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Horizontal fixed roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	
Secondary Seal Type:	
Total Number of Seals:	
Roof Support:	
Does the storage vessel have a Vapor Return Loop?	No
Does the storage vessel	

55938 PAULSBORO - SUNOCO LLC BOP220002 E500 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:

55938 PAULSBORO - SUNOCO LLC BOP220002 E1972 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	428,271
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	Bolted/Riveted
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	40.00
Length (ft):	
Width (ft):	
Diameter (ft):	45.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Internal floating roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	Mechanical Shoe
Secondary Seal Type:	None
Total Number of Seals:	
Roof Support:	Column-supported
Does the storage vessel have a Vapor Return Loop?	No
Does the storage vessel	

55938 PAULSBORO - SUNOCO LLC BOP220002 E1972 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill vol.

55938 PAULSBORO - SUNOCO LLC BOP220002 E2048 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	352,206
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	Bolted/Riveted
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	40.00
Length (ft):	
Width (ft):	
Diameter (ft):	46.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Internal floating roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	Mechanical Shoe
Secondary Seal Type:	None
Total Number of Seals:	
Roof Support:	Column-supported
Does the storage vessel have a Vapor Return Loop?	No
Does the storage vessel	

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

55938 PAULSBORO - SUNOCO LLC BOP220002 E2147 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	361,247
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	Bolted/Riveted
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	40.50
Length (ft):	
Width (ft):	
Diameter (ft):	40.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Internal floating roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	Vapor Mounted Resilient
Secondary Seal Type:	Rim mounted
Total Number of Seals:	
Roof Support:	Column-supported
Does the storage vessel have a Vapor Return Loop?	

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

55938 PAULSBORO - SUNOCO LLC BOP220002 E2148 (Storage Vessel)
Print Date: 5/2/2022

What type of contents is this storage vessel equipped to contain by design?	Liquids Only
Storage Vessel Type:	Tank
Design Capacity:	124,955
Units:	gallons
Ground Location:	Above Ground
Is the Shell of the Equipment Exposed to Sunlight?	Yes
Shell Color:	White
Description (if other):	
Shell Condition:	Light Rust
Paint Condition:	Good
Shell Construction:	Bolted/Riveted
Is the Shell Insulated?	No
Type of Insulation:	
Insulation Thickess (in):	
Thermal Conductivity of Insulation [(BTU)(in)(hr)(ft2)(deg F)]:	
Shape of Storage Vessel:	Cylindrical
Shell Height (From Ground to Roof Bottom) (ft):	40.00
Length (ft):	
Width (ft):	
Diameter (ft):	25.00
Other Dimension	
Description:	
Value:	
Units:	
Fill Method:	
Description (if other):	
Maximum Design Fill Rate:	
Units:	gal/min
Does the storage vessel have a roof or an open top?	Roof
Roof Type:	Internal floating roof tank
Roof Height (From Roof Bottom to Roof Top) (ft):	
Roof Construction:	
Primary Seal Type:	Vapor Mounted Resilient
Secondary Seal Type:	Rim mounted
Total Number of Seals:	
Roof Support:	Column-supported
Does the storage vessel have a Vapor Return Loop?	No

55938 PAULSBORO - SUNOCO LLC BOP220002 E2148 (Storage Vessel)
Print Date: 5/2/2022

Does the storage vessel have a Conservation Vent?	
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:	Designed capacity entered is safe fill capacity.

PAULSBORO - SUNOCO LLC (55938) Date: 6/7/2022

BOP220001

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
CD100	Vapor RU	A300	Adsorber		No		

55938 PAULSBORO - SUNOCO LLC BOP220002 CD100 (Adsorber)
Print Date: 5/2/2022

Make:	1988
Manufacturer:	John Zink
Model:	AA-128-11-7
Adsorber Type:	Other
Description:	Carbon
Maximum Gas Flow Rate to Adsorber (acfm):	12300
Maximum Temperature of Vapor Stream to Adsorber (°F):	
Minimum Temperature of Vapor Stream to Adsorber (°F):	
Minimum Moisture Content of Vapor Stream to Adsorber (%):	
Type of Adsorbant:	Two Carbon Adsorption Vessels
Bed Height:	7
Bed Length:	11
Bed Width:	
Units:	Feet
Other Bed Dimension:	
Value:	
Units:	
Minimum Pressure Drop Across Adsorbant (in. H20):	4
Maximum Pressure Drop Across Adsorber (in. H20):	10
Total Weight of Adsorbant (lbs):	17000
Total Weight of Adsorbant When Saturated (lbs):	25000
Maximum Adsorbant Capacity (lbs Adsorbate/lbs Adsorbant):	10
Minimum Adsorbant Capacity (lbs Adsorbate/lbs Adsorbant):	0.01
Set-up Type:	Parallel

Method of Determining Breakthrough (check all that apply):

Continuous Emissions Monitor (CEM):	☐
Replacement By Weight:	☐
Periodic Testing:	☐
Sampling Frequency:	
Sampling Device:	
Other:	☑
Description:	Time Cycle
Minimum Concentration at Breakthrough (ppmvd):	
Handling Method of Saturated Adsorbant:	
Method of Regeneration:	

Maximum Number of Sources Using this Apparatus as a Control Device (Include Permitted and Non-Permitted Sources):	
Alternative Method to Demonstrate Control Apparatus is Operating Properly:	CEM
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:	two carbon adsorption vessels

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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	Tank A1		Round	64	6	50							Up	
PT2	Tank A2		Round	64	6	50							Up	
PT13	Tank 13A		Round	180	20	15							Up	
PT14	Tank 14A		Round	144	15	15							Up	
PT15	Tank 15		Round	96	21	50							Horizontal	
PT100	VRU Carbon1		Round	12	35	105	60.0	0.0	100.0	556.0	0.0	1,112.0	Up	
PT101	VRU Carbon2		Round	12	35	105	60.0	0.0	100.0	556.0	0.0	1,112.0	Up	
PT300	Boiler		Square	12	20	60	300.0	250.0	350.0	600.0	0.0	1,200.0	Up	
PT500	Oil/wTank		Round	12	3	80							Up	
PT1972	Tank 1972		Round	540	40	30							Up	
PT2048	Tank 2048		Round	552	40	60							Up	
PT2147	Tank 2147		Round	480	40	5							Up	
PT2148	Tank 2148		Round	300	40	35							Up	

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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

U 100 Vap R&L Rack Vapor Recovery Unit With Two Carbon Adsorption Vessels for Gasoline / Distillate Loading Rack

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	Gasoline	Loading of non-HAP VOCs with a vapor pressure <11.1 psia into trucks using the Vapor Recovering Unit	Normal - Steady State	E100	CD100 (P)	PT100 PT101	4-04-001-53							
OS2	Distillate	Distillate loading without Vapor Recovering Unit	Normal - Steady State	E100		PT101	4-04-002-54							

U 200 Additive Tks Additive Tanks 13A, 14A, A1, A2 and 15

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	Tank A1	E502 - Additive Tank A1, Cylindrical Horizontal Fixed Roof, 2005 Gallons	Normal - Steady State	E1		PT1								
OS2	Tank A2	E503 - Additive Tank A2, Cylindrical Horizontal Fixed Roof, 2005 Gallons	Normal - Steady State	E2		PT2								
OS13	Tank 13A	E495 - Addtive Tank 13A, Cylindrical Vertical Fixed Roof, 19,997 Gallons	Normal - Steady State	E13		PT13								
OS14	Tank 14A	E496 - Addtive Tank 14A, Cylindrical Vertical Fixed Roof, 8,000 Gallons	Normal - Steady State	E14		PT14								

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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

U 200 Additive Tks Additive Tanks 13A, 14A, A1, A2 and 15

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.
OS15	Tank 15	E505 - Additive Tank 15, Cylindrical Horizontal Fixed Roof, 8,000 Gallons	Normal - Steady State	E15		PT15								

U 300 OfficeBoiler Office Building Natural Gas Fired Heater 2.05 MMBtu/hr

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	OfficeBoiler	Natural Gas Fired Boiler, 2.05 MMBtu/hr	Normal - Steady State	E300		PT300	1-02-005-03 1-02-006-03	1,000.0	4,000.0		300.0	500.0	350.0	450.0

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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

U 400 IFR Tanks Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC

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.
OS19721	TK1972	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Working/Breathing Emissions, 428,271 Gallons	Normal - Steady State	E1972		PT1972	4-04-001-60							
OS19722	TK1972	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 428,271 Gallons	Normal - Steady State	E1972		PT1972	4-04-001-60							
OS19723	TK1972	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 428,271 Gallons	Normal - Steady State	E1972		PT1972	4-04-001-60							
OS20481	TK2048	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Working/Breathing Emissions, 352,206 Gallons	Normal - Steady State	E2048		PT2048	4-04-001-60							
OS20482	TK2048	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 352,206 Gallons	Normal - Steady State	E2048		PT2048	4-04-001-60							

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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

U 400 IFR Tanks Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC

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.
OS20483	TK2048	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 352,206 Gallons	Normal - Steady State	E2048		PT2048	4-04-001-60							
OS21471	TK2147	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Working/Breathing Emissions, 361,247 Gallons	Normal - Steady State	E2147		PT2147	4-04-001-79							
OS21472	TK2147	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 361,247 Gallons	Normal - Steady State	E2147		PT2147	4-04-001-79							
OS21473	TK2147	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 361,247 Gallons	Normal - Steady State	E2147		PT2147	4-04-001-79							
OS21481	TK2148	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Working/Breathing Emissions, 124,955 Gallons	Normal - Steady State	E2148		PT2148	4-04-001-79							

PAULSBORO - SUNOCO LLC (55938)
BOP220001

Date: 6/7/2022

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

U 400 IFR Tanks Internal Floating Roof Tanks 1972, 2048, 2147 and 2148 - Petroleum Liquids & Non-HAP VOC

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.
OS21482	TK2148	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Roof Landing Emissions, 124,955 Gallons	Normal - Steady State	E2148		PT2148	4-04-001-79							
OS21483	TK2148	Internal Floating Roof tank storing non-HAP VOCs with a vapor pressure <11.1 psia, Tank Cleaning/Degassing Emissions, 124,955 Gallons	Normal - Steady State	E2148		PT2148	4-04-001-79							

U 500 Oil/w Tank Underground Oil/Water Holding Tank

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	U OW TK	Underground Oil/Water holding tank which collects water/spilled product from the loading rack area containment	Normal - Steady State	E500		PT500	5-03-820-02							

Date: 6/7/2022

New Jersey Department of Environmental Protection
Subject Item Group Inventory

Group NJID: GR1 Bulk

Members:

Type	ID	OS	Step
FG	FG1		
U	U 100	OS0 Summary	
U	U 400	OS0 Summary	

Formal Reason(s) for Group/Cap:

☑ Other

Other (explain): To include MACT BBBBBB requirements applicable to all 4: Terminal, tanks, fugitive emissions and IS3

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

Operating Circumstances: