sonneborn

REFINED PRODUCTS

42-019-00016

06-11-09

November 17, 2005

Air Enforcement Branch (3AP12)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

To Whom It May Concern:

Attached please find a copy of the Sonneborn, Inc. Petrolia facility (Title V Operation Permit #10-00037) Annual Compliance Certification Form for the period 12/01/04 to 10/17/05. Should you have any questions concerning the information submitted in this form pleas contact Richard E. Fleeger at (724) 756-9300 or e-mail at fleegdi@cromptoncorp.com.

Sincerely,

Richard E Fleeger

Richard E. Fleeger
Environmental Manager/Safety
Sonneborn, Inc.
Petrolia Plant

Attachment

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY
COMPLIANCE CERTIFICATION FORM
(25 Pa. Code § 127.513)

Plant Name:	SONNEBORN INC/PETROLIA PLT	**Owner/Operator:**	SONNEBORN INC
Tax ID/Plant:	20-2545879-1	**DEP Facility ID:**	3718
Contact Person:	RICHARD FLEEGER	**Title:**	ENVIRONENTAL MGR/SAFETY
Operating Permit #:	10-00037	**Phone Number:**	(724) 756-9300

For the period , **SONNEBORN INC/PETROLIA PLT** has been in continuous compliance with all applicable requirements of permit # **10-00037**, determined by the method(s) of compliance specified in said permit, except for the following deviations, exceedances and excursions:

Sect./Cond. #	Citation #	Source	Noncompliance	Monitoring Method(s)	Date	Duration	Corrective Action(s)
C, 004	123.41	032	visible emissions	Daily Site Inspection	2-01-05	13 min.	Adjust fuel to air ratio
C, 004	123.41	032	Visible Emissions	Daily Site Inspection	8-08-05	17 min	Adjust fuel to air ratio
D-1, 003	127.441	032	Exceeded 12 mo. rolling average for NOx in May by 0.8 TPY	Fuel consumption records	5-05	30 Days	Reduced fuel consumption rate. Developed system to calculate future allowable consumption.

Certification of Truth, Accuracy and Completeness

Subject to the penalties of Title 18 Pa. C.S. Section 4904 and 35 P.S. Section 4009 (b) (2), I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this form are true, accurate, and complete.

Name:	John Holloway	**Title:**	Plant Manager
Signed:	John Holloway	**Date:**	11-17-05

This certification must be signed by a responsible official. Any certification submitted without a valid signature will be returned. The owner/operator shall identify any other material information needed in this certification to also comply with section 113(c)(2) of the Clean Air Act. If more spaces are needed, complete additional pages using the format shown in Addendum 1. This certification does not replace requirements pertaining to the submission of malfunction and CEM reports. DO NOT include that information on this form.

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
[25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503] (Permit Renewal)	Section B	(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air M...	NA	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA] (Inspection and Entry)	Section B	(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following: (1) Enter at reasonable times upo...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.25, 127.444, & 127.512(c)(1)] (Compliance Requirements)	Section B	(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following: (1) Enforcement action (2) Permit termination, revocation...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.411(d) & 127.512(c)(5)] (Duty to Provide Information)	Section B	(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. (b) Upon request, the ...	NA	☒Continuous ☐Intermittent
[25 Pa. Code § 127.541] (Significant Operating Permit Modifications)	Section B	When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.704, 127.705 & 127.707] (Fee Payment)	Section B	(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual...		
[25 Pa. Code §§ 127.14(b) & 127.449] (Authorization for De Minimis Emission Increases)	Section B	(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written ...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.11a & 127.215] (Reactivation of Sources)	Section B	(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source wil...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 121.9 & 127.216] (Circumvention)	Section B	(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction,...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.402(d) & 127.513(1)] (Submissions)	Section B	(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the: Regional Air Program Manager PA Department of Environmental Protection (At the address given on the permit transmittal letter, or otherwise notified) (b) Any repor...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(c) & 127.463(e); Chapter 139; & 114(a)(3), 504(b) of the CAA] (Sampling, Testing and Monitoring Procedures)	Section B	(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable re...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.511 & Chapter 135] (Recordkeeping	Section B	(a) The permittee shall maintain and make available, upon request by the Department, records of required monitoring information that include the following:	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
Requirements)		(1) The date, place (as defined in the permit) and time of sampling or measurements. (2) The dates the analyses were performed. ...		
[25 Pa. Code §§ 127.411(d), 127.442, 127.463(e) & 127.511(c)] (Reporting Requirements)	Section B	(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean ...	NA	☒Continuous ☐Intermittent
[25 Pa. Code § 127.513] (Compliance Certification)	Section B	(a) One year after the date of issuance of the Title V permit, and each year thereafter, unless specified elsewhere in the permit, the permittee shall submit to the Department and EPA Region III a certificate of compliance with the terms and conditions in this permit, for the previous year, includi...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68] (Risk Management)	Section B	(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site S...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following: (1) Construction or demolition of buildings or structures. (2) Grading, paving and maintenance of roads and streets. (3) Use of roads and streets. Emission...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §123.2] (Fugitive particulate matter)	Section C - I. Restrictions - Emission Restriction(s)	A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001, above, if such emissions are visible at the point the emissions pass outside the person's property.	Daily Inspection	☐Continuous ☒Intermittent
[25 Pa. Code §123.31] (Limitations)	Section C - I. Restrictions - Emission	A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
	Restriction(s)	outside the property of the person on whose land the source is being operated.		
[25 Pa. Code §123.41] (Limitations)	Section C - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following: (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour. (2) Equal to ...	Visual Inspection	☒Continuous ☐Intermittent
[25 Pa. Code §123.42] (Exceptions)	Section C - I. Restrictions - Emission Restriction(s)	The limitations of 123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances: (1) when the presence of uncombined water is the only reason for failure of the emission to meet the limitations. (2) When the emission results from the operation o...	Visual Inspection	☒Continuous ☐Intermittent
[25 Pa. Code §123.43] (Measuring techniques)	Section C - II. Testing Requirements	Visible emissions may be measured using either of the following: (1) A device approved by the Department and maintained to provide accurate opacity measurements. (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the De...	Visual Inspection	☒Continuous ☐Intermittent
[25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section C - II. Testing Requirements	The Department reserves the right to require exhaust stack testing of any source(s) as necessary to verify emissions for purposes including determining the correct emission fee, malfunctions, or determining compliance with any applicable requirements.	NA	☒Continuous ☐Intermittent
[25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section C - III. Monitoring Requirements	The permittee shall conduct a daily inspections of the area surrounding the plant, during daylight hours, to detect the presence of fugitive emissions or visible emissions. A log of these inspections shall be maintained and shall be made available to the Department upon request.	Log of Inspection	☒Continuous ☐Intermittent
[25 Pa. Code §127.511] (Monitoring and	Section C - IV. Recordkeeping Requirements	Any fugitive emissions or visible emissions that are detected by plant personnel shall be reported to the Shift Supervisor. The Shift Supervisor shall record the event on the maintenance log.	Log of Inspection	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
related recordkeeping and reporting requirements.)		Appropriate corrective action shall be taken and noted in the maintenance log.		
[25 Pa. Code §127.512] (Operating permit terms and conditions.)	Section C - IV. Recordkeeping Requirements	The permittee can modify the mixture of pollutants regulated under Section 112 of the Clean Air Act (42 USCA 7412) which are VOCs or PM10 so long as the emission limitations of the permit are not violated. The permittee shall keep a log which identifies the mixture of pollutants regulated under sect...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §129.95] (Recordkeeping)	Section C - IV. Recordkeeping Requirements	(a) The owner and operator of a major NOx emitting facility or a major VOCs emitting facility shall keep records to demonstrate compliance with the emission limitations contained in this permit. (b) The records shall provide sufficient data and calculations to clearly demonstrate that these ...	Records	☒Continuous ☐Intermittent
[25 Pa. Code §135.5] (Recordkeeping)	Section C - IV. Recordkeeping Requirements	Source owners or operators shall maintain and make available upon request by the Department records including computerized records that may be necessary to comply with 25 PA Code 135.3 and 135.21 (relating to reporting; and emission statements). These may include records of production, fuel usage, m...	NA	☒Continuous ☐Intermittent
[25 Pa. Code §135.21] (Emission statements)	Section C - V. Reporting Requirements	a) The owner or operator of each stationary source emitting oxides of nitrogen or VOC's shall provide the Department with a statement, in a form as the Department may prescribe, for classes or categories of sources, showing the actual emissions of oxides of nitrogen and VOCs from that source for eac...	PA Emissions Forms	☒Continuous ☐Intermittent
[25 Pa. Code §135.3] (Reporting)	Section C - V. Reporting Requirements	a) The permittee shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period whic...	PA Emissions Forms	☒Continuous ☐Intermittent
[25 Pa. Code §135.4] (Report format)	Section C - V. Reporting Requirements	All source reports shall contain sufficient information to enable the Department to complete its emission inventory. Source reports shall be made by the source owner or operator in a format specified by the Department.	NA	☒Continuous ☐Intermittent
[25 Pa. Code §123.1] (Prohibition of certain fugitive emissions)	Section C - VI. Work Practice Standards	A person responsible for any source specified in Condition #001, above, shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions include, but not be limited to, the following: (1) Use, where possible, of water or chemicals for control of	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		dust in the...		
[25 Pa. Code §129.14] (Open burning operations)	Section C - VII. Additional Requirements	a) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that: (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted...	NA	☒Continuous ☐Intermittent
0110 - H-101 METHANE REFORMER/WASTE HEAT BOILER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Nat. gas only	☒Continuous ☐Intermittent
0110 - H-101 METHANE REFORMER/WASTE HEAT BOILER [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Nat gas only	☒Continuous ☐Intermittent
0110 - H-101 METHANE REFORMER/WASTE HEAT BOILER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	This source shall operate using only natural gas and/or V-105 Off Gas as a fuel.	Records	☒Continuous ☐Intermittent
0110 - H-101 METHANE REFORMER/WASTE HEAT BOILER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
requirements.)				
0112 - H-4 HYDROGEN HEATER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Natural gas only	☒Continuous ☐Intermittent
0112 - H-4 HYDROGEN HEATER [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Natural gas only	☒Continuous ☐Intermittent
0112 - H-4 HYDROGEN HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	In order to assure compliance with the particulate matter limits of 25 Pa. Code 123.11 and the sulfur oxide emission limits of 25 Pa. Code 123.22, the permittee shall operate the source using only natural gas as a fuel.	Natural gas only	☒Continuous ☐Intermittent
0112 - H-4 HYDROGEN HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices. [Compliance with this requirement assures compliance with Condition #10 of RACT Permit Number PA 10-037.]	Records	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Natural gas only	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code	Section D - I. Restrictions - Emission	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over	Natural gas only	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§123.22] (Combustion units)	Restriction(s)	any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...		
0116 - H-1 FEED HEATER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	(a) Nitrogen Oxide emissions from this source shall not exceed any of the following limits: 2.87 pounds per hour 12.57 tons in any twelve (12) month rolling period (b) Carbon Monoxide emissions from this source shall not exceed any of the following limits: 0.71...	Fuel consumption	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	In order to assure compliance with the particulate matter limits of 25 Pa. Code 123.11 and the sulfur oxide emission limits of 25 Pa. Code 123.22, the permittee shall operate the source using only natural gas as a fuel.	Fuel consumption	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s)	The natural gas consumption by this source shall not exceed any of the following: - 20,500 standard cubic feet per hour - 179.6 million standard cubic feet during any consecutive twelve (12) month period.	Fuel consumption	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - IV. Recordkeeping Requirements	(a) The permittee shall maintain monthly records of the hours of operation and the amount of natural gas consumed by this source. (b) The permittee shall perform monthly calculations to demonstrate compliance with the fuel throughput restrictons for this source. These calculations shall in...	Records	☒Continuous ☐Intermittent
0116 - H-1 FEED HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
reporting requirements.)				
0117 - H-2 STRIPPER HEATER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Natural gas only	☒Continuous ☐Intermittent
0117 - H-2 STRIPPER HEATER [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Natural gas only	☒Continuous ☐Intermittent
0117 - H-2 STRIPPER HEATER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	(a) Nitrogen Oxide emissions from this source shall not exceed any of the following limits: 2.45 pounds per hour 10.73 tons in any twelve (12) month rolling period (b) Carbon Monoxide emissions from this source shall not exceed any of the following limits: 0.61...	Fuel consumption	☒Continuous ☐Intermittent
0117 - H-2 STRIPPER HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	In order to assure compliance with the particulate matter limits of 25 Pa. Code 123.11 and the sulfur oxide emission limits of 25 Pa. Code 123.22, the permittee shall operate the source using only natural gas as a fuel.	Fuel consumption	☒Continuous ☐Intermittent
0117 - H-2 STRIPPER HEATER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s)	The natural gas consumption by this source shall not exceed any of the following: - 17,500 standard cubic feet per hour - 153.3 million standard cubic feet during any consecutive twelve (12) month period.	Fuel consumption	☒Continuous ☐Intermittent
0117 - H-2 STRIPPER HEATER [25 Pa. Code	Section D - IV. Recordkeeping Requirements	(a) The permittee shall maintain monthly records of the hours of operation and the amount of natural gas consumed by this source.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.12b] (Plan approval terms and conditions.)		(b) The permittee shall perform monthly calculations to demonstrate compliance with the fuel throughput restrictons for this source. These calculations shall in...		
0117 - H-2 STRIPPER HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices. [Compliance with this requirement assures compliance with Condition #10 of RACT Permit Number PA 10-037.]	Records	☒Continuous ☐Intermittent
0119 - H-102 VAPORIZER HEATER [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Natural gas only	☒Continuous ☐Intermittent
0119 - H-102 VAPORIZER HEATER [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Natural gas only	☒Continuous ☐Intermittent
0119 - H-102 VAPORIZER HEATER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	In order to assure compliance with the particulate matter limits of 25 Pa. Code 123.11 and the sulfur oxide emission limits of 25 Pa. Code 123.22, the permittee shall operate the source using only natural gas as a fuel.	Records	☒Continuous ☐Intermittent
0119 - H-102 VAPORIZER HEATER [25 Pa. Code §127.511] (Monitoring and related	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices. [Compliance with this requirement assures compliance with Condition #10 of RACT Permit Number PA 10-037.]	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
recordkeeping and reporting requirements.)				
032 - BOILER #12 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following: (1) [Does Not Apply] (2) The rate determined by the following formula: A = 3.6E^(-0.56) where A = Allowable em...	Fuel analysis	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Fuel analysis	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The NOx emissions from this source shall not exceed any of the following limits: 0.18 pounds per million Btu when combusting natural gas 0.40 pounds per million Btu when combusting residual oil 40.9 tons for any consecutive twelve month period (regardless ...	Records Records indicate that Petrolia exceeded the 12 mo. rolling average for NOx by 0.8 TPY during month of Mayi	☐Continuous ☒Intermittent
032 - BOILER #12 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	This source is to use only natural gas and/or residual oil as a fuel.	Records	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting	Section D - II. Testing Requirements	The permittee shall conduct, on a calendar quarter basis, a fuel analysis of the residual fuel oils that are burned by this source. The analysis shall consist of the Btu value, moisture, ash, and sulfur content (% by weight) of the liquid fuels in accordance with 25 Pa. Code 139.16. If no liq...	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
requirements.)				
032 - BOILER #12 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain monthly records of fuel consumption by this source. This fuel usage information is to be used to calculate NOx emissions for this source on a twelve (12) month rolling total. This rolling total will be the sum of the NOx emissions for the most recent month and the...	Records	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain records of each annual adjustment or tune-up performed on this source. This record shall indicate at a minimum: The date of the annual tune-up. The name of the service company and technicians. Any adjustments performed. Any p...	Records	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - VI. Work Practice Standards	The permittee shall perform an annual adjustment or tune-up, of this source, that will consist of an inspection, adjustment, cleaning, or replacement of the fuel burning equipment, inspection and adjustment of the flame characteristics, and the inspection and adjustment of the air-to-fuel contr...	Records	☒Continuous ☐Intermittent
032 - BOILER #12 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	In order to assure compliance with the particulate matter concentration limits of 123.11, the permittee shall maintain and operate the source in accordance with the manufacturer's specifications and in a manner consistent with good air pollution control practices.	Records	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following: (1) [Does Not Apply] (2) The rate determined by the following formula: A = 3.6E^(-0.56) where A = Allowable em...	Natural gas only	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
033 - BOILER #14 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Natural gas only	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The NOx emissions from this source shall not exceed any of the following limits: 0.18 pounds per million Btu 32.3 tons for any consecutive twelve month period [Additional authority for this condition is derived from 25 Pa. Code 129.91.]	Records	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	In order to assure compliance with the particulate matter limits of 25 Pa. Code 123.11 and the sulfur oxide emission limits of 25 Pa. Code 123.22, the permittee shall operate the source using only natural gas as a fuel.	Records	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain monthly records of fuel consumption by this source. This fuel usage information is to be used to calculate NOx emissions for this source on a twelve (12) month rolling total. This rolling total will be the sum of the NOx emissions for the most recent month and the...	Records	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain records of each annual adjustment or tune-up performed on this source. This record shall indicate at a minimum: The date of the annual tune-up. The name of the service company and technicians. Any adjustments performed. Any p...	Records	☒Continuous ☐Intermittent
033 - BOILER #14 [25 Pa. Code §127.441] (Operating permit	Section D - VI. Work Practice Standards	The permittee shall perform an annual adjustment or tune-up, of this source, that will consist of an inspection, adjustment, cleaning, or replacement of the fuel burning equipment, inspection and adjustment of the flame characteristics, and the	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
terms and conditions.)		inspection and adjustment of the air-to-fuel contr...		
033 - BOILER #14 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	(a) A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the following: (1) [Does Not Apply] (2) The rate determined by the following formula: A = 3.6E^(-0.56) where A = Allowable em...	Fuel analysis	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	Fuel analysis	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The NOx emissions from this source shall not exceed any of the following limits: 0.18 pounds per million Btu when combusting natural gas 0.40 pounds per million Btu when combusting residual oil 53.1 tons for any consecutive twelve month period (regardless of the fuel...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	This source is to use only natural gas and/or residual oil as a fuel.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
034 - BOILER #7 [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - II. Testing Requirements	The #7 boiler shall be tested annually by the facility with a Department approved portable analyzer. The Department may require annual stack tests in accordance with EPA reference methods pending the submission of the results from the portable analyzer. Separate test shall be performed to de...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - II. Testing Requirements	The permittee shall conduct, on a calendar quarter basis, a fuel analysis of the residual fuel oils that are burned by this source. The analysis shall consist of the Btu value, moisture, ash, and sulfur content (% by weight) of the liquid fuels in accordance with 25 Pa. Code 139.16. If no liq...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain monthly records of fuel consumption by this source. This fuel usage information is to be used to calculate NOx emissions for this source on a twelve (12) month rolling total. This rolling total will be the sum of the NOx emissions for the most recent month and the...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain records of each annual adjustment or tune-up performed on this source. This record shall indicate at a minimum: The date of the annual tune-up. The name of the service company and technicians. Any adjustments performed. Any p...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - V. Reporting Requirements	The permittee shall maintain monthly records of fuel consumption by this source. This fuel usage information is to be used to calculate NOx emissions for this source on a twelve (12) month rolling total. This rolling total will be the sum of the NOx emissions for the most recent month and the...	Records	☒Continuous ☐Intermittent
034 - BOILER #7 [25 Pa. Code §127.441] (Operating permit terms and	Section D - VI. Work Practice Standards	The permittee shall perform an annual adjustment or tune-up, of this source, that will consist of an inspection, adjustment, cleaning, or replacement of the fuel burning equipment, inspection and adjustment of the flame characteristics, and the inspection and adjustment of the air-to-fuel contr...	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
conditions.)				
034 - BOILER #7 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §123.11] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	A person may not permit the emission into the outdoor atmosphere of particulate matter from a combustion unit in excess of the rate of 0.4 pound per million Btu of heat input.	Fuel analysis	☒Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §123.22] (Combustion units)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from a combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period. [Compliance with the requirement specified in this streamlined permit condition assures co...	fuel analysis	☒Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Fuel Restriction(s)	This source is to use only natural gas and/or residual oil as a fuel.	Records	☒Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - II. Testing Requirements	The permittee shall conduct, on a calendar quarter basis, a fuel analysis of the residual fuel oils that are burned by this source. The analysis shall consist of the Btu value, moisture, ash, and sulfur content (% by weight) of the liquid fuels in accordance with 25 Pa. Code 139.16. If no liq...	Records	☒Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §129.93] (Presumptive RACT emission limitations)	Section D - IV. Recordkeeping Requirements	The owner and operator of this source shall record each adjustment in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following information: (i) The date of the tuning procedure.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
		(ii) The name of the service ...		
035 - BOILER #8 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☐Continuous ☐Intermittent
035 - BOILER #8 [25 Pa. Code §129.93] (Presumptive RACT emission limitations)	Section D - VI. Work Practice Standards	(a) The owner or operator of this source shall perform an annual adjustment or tuneup on the combustion process. This adjustment shall include, at a minimum, the following: (i) Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving ...	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	The VOC emissions from this source shall not exceed three (3) tons during any consecutive twelve (12) month period.	Records & Testing	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - II. Testing Requirements	The permittee shall perform quarterly testing of the scrubber stack using a Portable VOC Analyzer. The parameter measured and recorded will be the VOC concentration of the Alcohol Scrubber discharge.	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - III. Monitoring Requirements	The permittee shall perform weekly maintenance inspections of the scrubber system associated with this source. These inspections shall be performed while the control device is in operation.	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.12b]	Section D - IV. Recordkeeping Requirements	a) The permittee shall maintain a log of weekly maintenance inspections performed on the scrubber system associated with this source. This log shall indicate at a minimum: - the date and time of the weekly check.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Plan approval terms and conditions.)		- the name of the person performing the inspection. -...		
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	a) The permittee shall use the results of the quarterly scrubber stack testing to calculate a VOC emissions factor for this source. b) This VOC emission factor shall be used, in conjunction with the scrubber systems exhaust volume, to calculate VOC emissions on a monthly basis. These month...	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §129.56] (Storage tanks greater than 40,000 gallons capacity containing VOCs)	Section D - IV. Recordkeeping Requirements	(a - f) Do Not Apply (g) For volatile organic compounds whose storage temperature is governed by ambient weather conditions, the vapor pressure under actual storage conditions shall be determined using a temperature which is representative of the average storage temperature for the hottes...	NA	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - VI. Work Practice Standards	The permittee shall maintain a rotameter or equivalent to measure the fluid flow rate through the scrubber, and a monometer or equivalent to measure the pressure drop across the scrubber.	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The control device associated with this source is to be operated at all times that the source is in operation.	Records	☒Continuous ☐Intermittent
115 - (8) ALCOHOL (METHANOL) STORAGE TANKS [25 Pa. Code §129.57]	Section D - VI. Work Practice Standards	Storage tanks covered under this section shall have pressure relief valves which are maintained in good operating condition and which are set to release at no less than .7 psig (4.8 kilopascals) of pressure or .3 psig (2.1 kilopascals) of vacuum or the highest possible pressure and vacuum in ac...	Inspection	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Storage tanks less than or equal to 40,000 gallons capacity containing VOCs)				
122 - BARIUM SULFONATE PROCESS COMPONENTS [25 Pa. Code §127.441] (Operating permit terms and conditions.)	Section D - III. Monitoring Requirements	(a) The owner or operator of this source shall do the following: (1) Develop and conduct a monitoring program consistent with the provisions of subsection (d). (2) Record leaking source components which have a VOC concentration exceeding 10,000 ppm when tested in accordance with the...	Records	☒Continuous ☐Intermittent
122 - BARIUM SULFONATE PROCESS COMPONENTS [25 Pa. Code §129.58] (Petroleum refineries--fugitive sources)	Section D - III. Monitoring Requirements	(a) The owner or operator of this source shall do the following: (1) Develop and conduct a monitoring program consistent with the provisions of subsection (d). (2) Record leaking source components which have a VOC concentration exceeding 10,000 ppm when tested in accordance with the...	Records	☒Continuous ☐Intermittent
122 - BARIUM SULFONATE PROCESS COMPONENTS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Records	☒Continuous ☐Intermittent
123 - HYDROGENATION	Section D - I. Restrictions -	No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
UNIT V-5 FLASH DRUM [25 Pa. Code §123.21] (General)	Emission Restriction(s)	of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.		
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	(a) During periods when the Lo-Cat Hydrogen Recovery Unit (Source ID:125) is not operating, the combined Sulfur Oxide emissions from the first and second stage flares (Source IDs: 123 and 124) shall not exceed any of the following limits: 99.1 pounds per hour 108.51 Tons du...	Records	☒Continuous ☐Intermittent
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	The downtime of the Lo-Cat Unit shall be no more than 25% of the total Hydrotreater facility's total operational time. [From Plan Approval #10-0037F, Condition #4] The Hydrotreater recycle time is not to be counted toward the 'total Hydrotreater facility□s total operational time'. [From...	Records	☒Continuous ☐Intermittent
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain a record of all daily inspections of the flare. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problem or defects, and any routine maintenance performed.	Records	☒Continuous ☐Intermittent
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting	Section D - IV. Recordkeeping Requirements	The permittee shall monitor and keep daily records of the overall hydrogen production and oil feed rate to the Hydrogeneration Unit.	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
requirements.)				
123 - HYDROGENATION UNIT V-5 FLASH DRUM [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	a) The permittee shall perform daily inspections of the flare to assure the presence of a flame. These daily inspections shall consist of visual confirmation, either in person or by way of a closed circuit video monitor, or by some other means that has been approved by the Department in writin...	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Emission Restriction(s)	(a) During periods when the Lo-Cat Hydrogen Recovery Unit (Source ID:125) is not operating, the combined Sulfur Oxide emissions from the first and second stage flares (Source IDs: 123 and 124) shall not exceed any of the following limits: 99.1 pounds per hour 108.51 Tons du...	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	The downtime of the Lo-Cat Unit shall be no more than 25% of the total Hydrotreater facility's total operational time. [From Plan Approval Number 10-0037F, Condition #4] The Hydrotreater recycle time is not to be counted toward the 'total Hydrotreater facility□s total operational time'. ...	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - IV. Recordkeeping Requirements	The permittee shall monitor and record the overall hydrogen gas production and oil feed rate to the hydrogenation Unit. [From Plan Approval Number 10-0037G, Condition #6]	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain a record of all daily inspections of the flare. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problem or defects, and any routine maintenance performed.	Records	☒Continuous ☐Intermittent
124 - HYDRO. UNIT V-63 LOW PRESSURE ADSORBER [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	a) The permittee shall perform daily inspections of the flare to assure the presence of a flame. These daily inspections shall consist of visual confirmation, either in person or by way of a closed circuit video monitor, or by some other means that has been approved by the Department in writin...	Records	☒Continuous ☐Intermittent
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Records	☒Continuous ☐Intermittent
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §127.12b]	Section D - I. Restrictions - Emission Restriction(s)	(a) The VOC emissions from Vent V-64 of the Lo-Cat Unit shall not exceed 9.29 pounds per hour or 40.67 tons during any twelve (12) consecutive month period. [Compliance with this limit from Plan Approval Number PA-10-037D assures compliance with RACT Permit Number OP 10-	Records	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
(Plan approval terms and conditions.)		037 (June 4, 2005), Cond...		
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Operating Hours Restriction(s)	The downtime of the Lo-Cat Unit shall be no more than 25% of the total Hydrotreater facility's total operational time. [From Plan Approval Number 10-0037F, Condition #4.] The Hydrotreater recycle time is not to be counted toward the 'total Hydrotreater facilitiy's total operational time'...	Records	☒Continuous ☐Intermittent
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - I. Restrictions - Throughput Restriction(s)	The Lo-Cat Hydrogen Recovery Unit shall not process more than 18,000 cubic feet per hour of waste gas.	Records	☒Continuous ☐Intermittent
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - IV. Recordkeeping Requirements	The permittee shall monitor and record, on a daily basis, the overall hydrogen gas production, oil feed rate to the system, and the downtime of the Lo-Cat Hydrogen Recovery Unit.	Records	☒Continuous ☐Intermittent
125 - LO-CAT HYDROGEN RECOVERY UNIT VENT V-64 [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent
132 - TWO (2) DIESEL FIRE PUMPS [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	Hours of operation	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
132 - TWO (2) DIESEL FIRE PUMPS [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	Hours of operation	☒Continuous ☐Intermittent
132 - TWO (2) DIESEL FIRE PUMPS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - I. Restrictions - Operating Hours Restriction(s)	Each of the diesel engines for the fire pumps is limited to operate no more than 500 hours during any consecutive twelve (12) month period.	Records	☒Continuous ☐Intermittent
132 - TWO (2) DIESEL FIRE PUMPS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	a) The permittee shall maintain records of the hours of operation for each of the fire pumps. b) The permittee shall maintain records of all maintenance performed on the diesel engines for each of the fire pumps.	Records	☒Continuous ☐Intermittent
132 - TWO (2) DIESEL FIRE PUMPS [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	Records	☒Continuous ☐Intermittent
140 - LOW VOC STORAGE TANKS-PRIOR TO 7/23/84 [40 CFR Part 60 Standards of Performance for New Stationary	Section D - I. Restrictions - Emission Restriction(s)	(a) The owner or operator of any storage vessel to which this subpart applies shall store petroleum liquids as follows: (1) If the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 78 mm Hg (1.5 psia) but not greater than 570 mm Hg (11.1 psia), the storage v...	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
Sources §40 CFR 60.112] (Standard for volatile organic compounds (VOC).)				
140 - LOW VOC STORAGE TANKS-PRIOR TO 7/23/84 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113] (Monitoring of operations.)	Section D - III. Monitoring Requirements	(a) Except as provided in paragraph (d) of this section, the owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period. (b) Available data on...	Records	☒Continuous ☐Intermittent
140 - LOW VOC STORAGE TANKS-PRIOR TO 7/23/84 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - V. Reporting Requirements	a) The permittee is required to immediately notify the Department of any malfunction of any storage tank which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contain...	NA	☒Continuous ☐Intermittent
140 - LOW VOC STORAGE TANKS-PRIOR TO 7/23/84 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.7] (Notification and record keeping.)	Section D - V. Reporting Requirements	(a) Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification as follows: (1) A notification of the date construction (or reconstruction as defined under 60.15) of an affected facility is commenced postmarked no later than 30 days after...	NA	☒Continuous ☐Intermittent
140 - LOW VOC STORAGE TANKS-PRIOR TO 7/23/84 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - VI. Work Practice Standards	The Storage Tanks included with this group shall be: - operated in such a manner as not to cause air pollution. - operated and maintained in a manner consistent with good operating and maintenance practices. - operated and maintained in accordance with the manufacture...	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
150 - LOW VOC STORAGE TANKS-POST 7/23/84 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.116b] (Monitoring of operations.)	Section D - IV. Recordkeeping Requirements	(a) The records required by paragraph (b) of this section will be kept for the life of the source. (b) The owner or operator of each storage vessel, in this group, shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the st...	Records	☒Continuous ☐Intermittent
150 - LOW VOC STORAGE TANKS-POST 7/23/84 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - V. Reporting Requirements	a) The permittee is required to immediately notify the Department of any malfunction of any storage tank which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contain...	NA	☒Continuous ☐Intermittent
150 - LOW VOC STORAGE TANKS-POST 7/23/84 [25 Pa. Code §127.12b] (Plan approval terms and conditions.)	Section D - VI. Work Practice Standards	The Storage Tanks included with this group shall be: - operated in such a manner as not to cause air pollution. - operated and maintained in a manner consistent with good operating and maintenance practices. - operated and maintained in accordance with the manufacture...	Records	☒Continuous ☐Intermittent
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code §123.13] (Processes)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of particulate matter in a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.	NA	☒Continuous ☐Intermittent
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code §123.21] (General)	Section D - I. Restrictions - Emission Restriction(s)	No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.	NA	☒Continuous ☐Intermittent
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code	Section D - I. Restrictions - Operating Hours Restriction(s)	Each emergency power generator is limited to no more than 500 hours of operation during any consecutive 12-month period.	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was:
§127.511] (Monitoring and related recordkeeping and reporting requirements.)				
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - IV. Recordkeeping Requirements	The permittee shall maintain a log of the hours of operation for each emergency power generator.	NA	☒Continuous ☐Intermittent
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	In order to assure compliance with the sulfur oxide emission limits of 123.21, the permittee shall operate the source using only natural gas as a fuel.	NA	☒Continuous ☐Intermittent
300 - EMERGENCY POWER GENERATORS (3) [25 Pa. Code §127.511] (Monitoring and related recordkeeping and reporting requirements.)	Section D - VI. Work Practice Standards	The source shall be operated and maintained in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.	NA	☒Continuous ☐Intermittent
301 - MAINTENANCE PARTS WASHERS [25 Pa. Code §129.63] (Degreasing operations)	Section D - I. Restrictions - Emission Restriction(s)	(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection...	NA	☒Continuous ☐Intermittent

Citation	Permit Section	Terms & Conditions Contained in the Permit	Means of Determining Compliance Status	Compliance with Terms & Conditions was: