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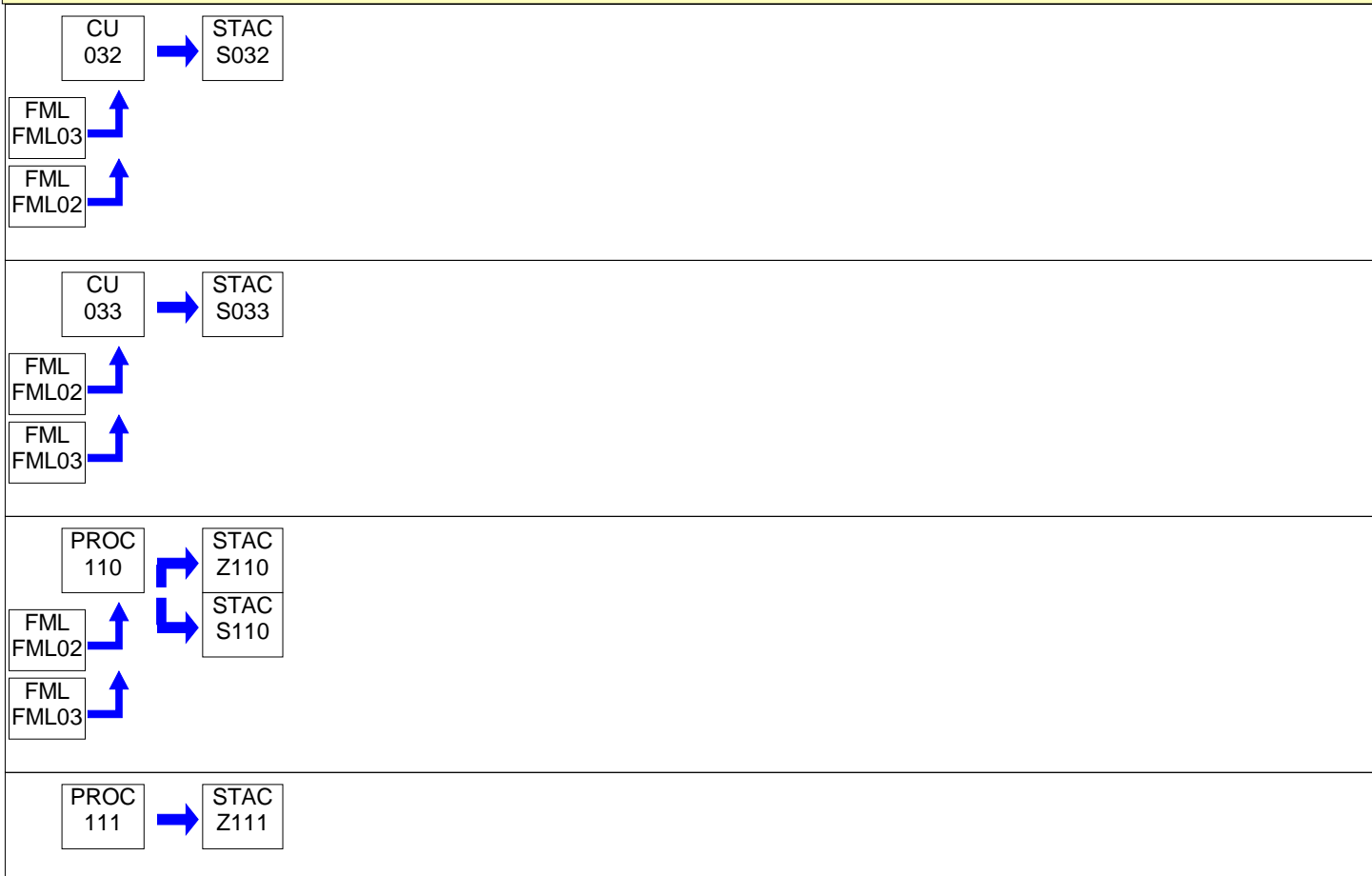
### **Section H. Miscellaneous**

**SECTION A. Site Inventory List**

| Source ID | Source Name                           | Capacity/Throughput |        | Fuel/Material            |
|-----------|---------------------------------------|---------------------|--------|--------------------------|
| 032       | HOT OIL HEATER SYSTEM                 | 67.150              | Gal/HR | #2 Oil                   |
|           |                                       | 8.932               | MCF/HR | Natural Gas              |
| 033       | MISC COMBUSTION SOURCES               | 3.980               | MCF/HR | Natural Gas              |
|           |                                       | 25.550              | Gal/HR | #2 Oil                   |
| 110       | CRUDE STORAGE TANKS                   | 4.078               | MCF/HR | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | #2 Oil                   |
|           |                                       |                     | N/A    | Crude Coal Tar           |
| 111       | COAL TAR DISTILLATE STORAGE VESSELS   |                     | N/A    |                          |
| 112       | ROAD TAR PRODUCT STORAGE VESSELS      | 3.204               | MCF/HR | Natural Gas              |
|           |                                       | 20.440              | Gal/HR | #2 Oil                   |
|           |                                       |                     | N/A    | Road Tar/Various Product |
| 113       | UPPER RECEIVERS WITH SCRUBBER         |                     | N/A    | Coal Tar Distillate      |
| 114A      | TANK 1-G                              | 2.300               | Gal/HR | UNLEADED GASOLINE        |
| 115       | LOWER RECEIVERS                       |                     | N/A    | Coal Tar Distillate      |
| 116       | 380 KW EMERGENCY GENERATOR            | 26.400              | Gal/HR | #2 Oil                   |
| 117       | STILL #12                             | 4.078               | MCF/HR | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | #2 Oil                   |
| 118       | STILL #15                             | 4.078               | MCF/HR | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | #2 Oil                   |
| 119       | STILL #15 CONDENSER                   | 951.460             | CF/HR  | Natural Gas              |
|           |                                       | 7.150               | Gal/HR | #2 Oil                   |
| 120       | STILL #16                             | 4.078               | MCF/HR | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | #2 Oil                   |
| 121       | STILL #17                             | 4.078               | MCF/HR | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | #2 Oil                   |
| 122       | STILLS #16/#17 CONDENSER              | 951.460             | CF/HR  | Natural Gas              |
|           |                                       | 7.150               | Gal/HR | #2 Oil                   |
| 123       | STILL #14                             | 4,077.700           | CF/HR  | Natural Gas              |
|           |                                       | 30.660              | Gal/HR | NO. 2 FUEL OIL           |
| 124       | STILLS #12/#14 CONDENSER              | 951.460             | CF/HR  | Natural Gas              |
|           |                                       | 7.150               | Gal/HR | #2 Oil                   |
| C03       | VENTURI W/BI0 AIR FILTER              |                     |        |                          |
| FML02     | #2 FUEL OIL                           |                     |        |                          |
| FML03     | NATURAL GAS                           |                     |        |                          |
| S032      | HOT OIL SYSTEM STACKS                 |                     |        |                          |
| S033      | MISC COMBUSTION SOURCE STACKS         |                     |        |                          |
| S110      | CRUDE COAL TAR TANK COMBUSTION STACKS |                     |        |                          |
| S112      | ROAD TAR TANK HEATER STACKS           |                     |        |                          |
| S113      | VENTURI SCRUBBER STACK                |                     |        |                          |
| S116      | STACK 380 KW ER GEN                   |                     |        |                          |
| S117      | STILL #12 BURNER STACKS               |                     |        |                          |

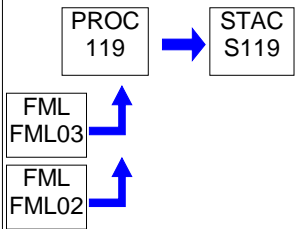
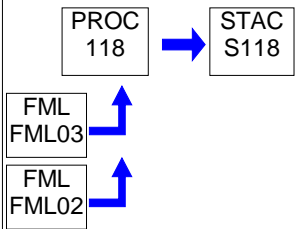
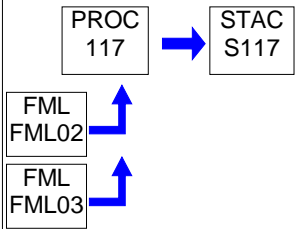
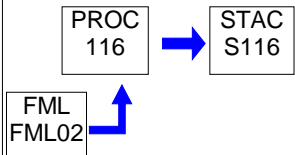
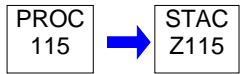
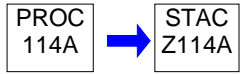
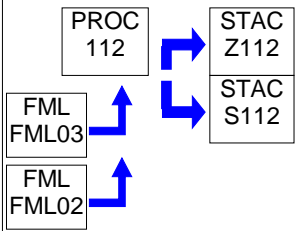
**SECTION A. Site Inventory List**

| Source ID | Source Name   | Capacity/Throughput | Fuel/Material |
|-----------|---|---------------------|---------------|
| S118      | STILL #15 BURNER STACKS                             |                     |               |
| S119      | STILL #15 CONDENSER BURNER STACK                    |                     |               |
| S120      | STILL #16 BURNER STACKS                             |                     |               |
| S121      | STILL #17 BURNER STACKS                             |                     |               |
| S122      | STILLS #16/#17 CONDENSER BURNER STACK               |                     |               |
| S123      | STILL #14 BURNER STACKS                             |                     |               |
| S124      | STILLS #12/#14 CONDENSER BURNER STACK               |                     |               |
| Z110      | FUGITIVE EMISSIONS FROM PROCESS 110                 |                     |               |
| Z111      | FUGITIVE EMISSIONS FROM COAL TAR DISTILLATE PROCESS |                     |               |
| Z112      | FUGITIVE EMISSIONS FROM ROAD TAR PRODUCT PROCESS    |                     |               |
| Z114A     | FUGITIVE EMISSIONS FROM TANK 1-G                    |                     |               |
| Z115      | FUGITIVE EMISSIONS FROM LOWER RECEIVERS             |                     |               |

**PERMIT MAPS**

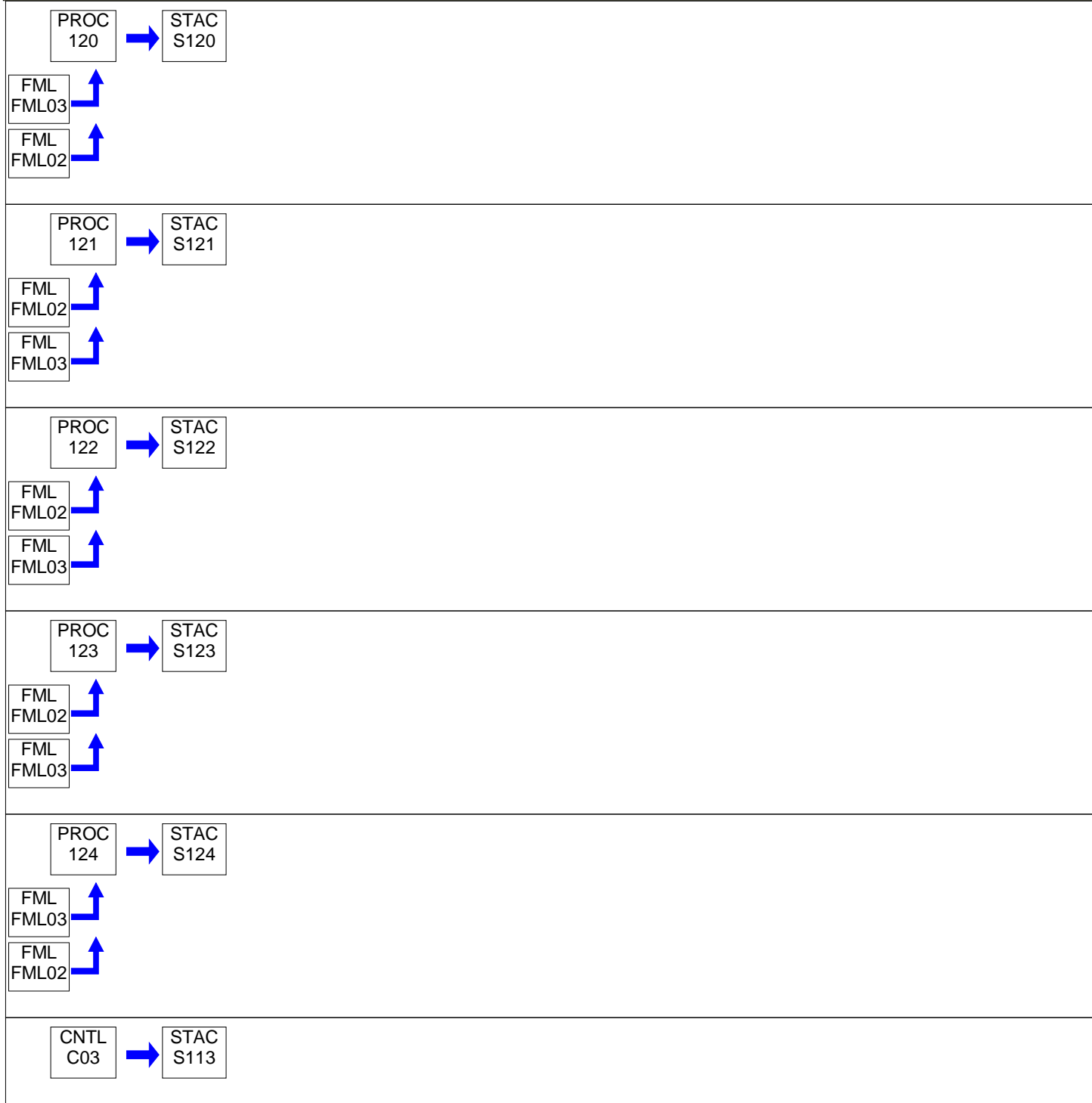


### PERMIT MAPS





**PERMIT MAPS**



**SECTION B. General State Only Requirements****#001 [25 Pa. Code § 121.1]****Definitions.**

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and in 25 Pa. Code § 121.1.

**#002 [25 Pa. Code § 127.446]****Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

**#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]****Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

**#004 [25 Pa. Code § 127.703]****Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
- (1) For a synthetic minor facility, a fee equal to:
- (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
  - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
  - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.
- (2) For a facility that is not a synthetic minor, a fee equal to:
- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
  - (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.



**SECTION B. General State Only Requirements**

(iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]****Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

**#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]****Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

**#007 [25 Pa. Code §§ 127.441 & 127.444]****Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

**SECTION B. General State Only Requirements**

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

**#008 [25 Pa. Code § 127.441]****Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**#009 [25 Pa. Code §§ 127.442(a) & 127.461]****Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

**#010 [25 Pa. Code § 127.461]****Revising an Operating Permit for Cause.**

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

**#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]****Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

**#012 [25 Pa. Code § 127.441]****Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

**SECTION B. General State Only Requirements****#013 [25 Pa. Code § 127.449]****De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO<sub>x</sub> from a single source during the term of the permit and 5 tons of NO<sub>x</sub> at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM<sub>10</sub> from a single source during the term of the permit and 3.0 tons of PM<sub>10</sub> at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

**SECTION B. General State Only Requirements**

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

**#014 [25 Pa. Code § 127.3]****Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

- (1) Section 127.14 (relating to exemptions)
- (2) Section 127.447 (relating to alternative operating scenarios)
- (3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)
- (4) Section 127.449 (relating to de minimis emission increases)
- (5) Section 127.450 (relating to administrative operating permit amendments)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**#015 [25 Pa. Code § 127.11]****Reactivation**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

**#016 [25 Pa. Code § 127.36]****Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

**#017 [25 Pa. Code § 121.9]****Circumvention.**

No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion

**SECTION B. General State Only Requirements**

technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

**#018 [25 Pa. Code §§ 127.402(d) & 127.442]****Reporting Requirements.**

- (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.
- (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.
- (c) 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 in the permit transmittal letter, or otherwise notified)
- (d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.
- (e) Any records, reports or information submitted to the Department shall be available to the public except for such records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

**#019 [25 Pa. Code §§ 127.441(c) & 135.5]****Sampling, Testing and Monitoring Procedures.**

- (a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.
- (b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

**#020 [25 Pa. Code §§ 127.441(c) and 135.5]****Recordkeeping.**

- (a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:
  - (1) The date, place (as defined in the permit) and time of sampling or measurements.
  - (2) The dates the analyses were performed.
  - (3) The company or entity that performed the analyses.
  - (4) The analytical techniques or methods used.
  - (5) The results of the analyses.
  - (6) The operating conditions as existing at the time of sampling or measurement.
- (b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

**SECTION B. General State Only Requirements**

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

**#021 [25 Pa. Code § 127.441(a)]**

**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

**#022 [25 Pa. Code § 127.447]**

**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**#023 [25 Pa. Code §135.3]**

**Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

**#024 [25 Pa. Code §135.4]**

**Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

**# 002 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14.
- (g) N/A.
- (h) N/A.
- (i) Sources and classes of sources other than those identified in Subsections (a)-(h) above, for which the operator has obtained a determination from the Department in accordance with 25 Pa. Code § 123.1(b) that fugitive emissions for the source, after appropriate control, meet the following requirements:
  - (1) The emissions are of minor significance with respect to causing air pollution; and
  - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

**# 003 [25 Pa. Code §123.2]****Fugitive particulate matter**

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code § 123.1(a)(1-9), if such emissions are visible at the point the emissions pass outside the person's property.

**# 004 [25 Pa. Code §123.31]****Limitations**

The permittee shall 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 outside the property of the person on whose land the source is being operated.

**# 005 [25 Pa. Code §123.41]****Limitations**

The permittee shall 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:

- (a) Equal to or greater than 20% for a period or periods aggregating more than three (3) minutes in any one (1) hour.
- (b) Equal to or greater than 60% at any time.

**# 006 [25 Pa. Code §123.42]****Exceptions**

The opacity limitations, as per 25 Pa. Code § 123.41, shall not apply to a visible emission in any of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.

**SECTION C. Site Level Requirements**

(b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a) (relating to prohibition of certain fugitive emissions).

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall limit the total NO<sub>x</sub> from all sources at this facility, including sources listed in the miscellaneous section of this permit, to less than 24.9 tons per year, calculated on a 12-month rolling sum.

(b) The permittee shall limit the total VOC from all sources at this facility, including sources listed in the miscellaneous section of this permit, to less than 24.9 tons per year, calculated on a 12-month rolling sum.

(c) The permittee shall limit the total HAP from all sources at this facility, including sources listed in the miscellaneous section of this permit, to less than 9.9 tons per year, calculated on a 12-month rolling sum.

**# 008 [25 Pa. Code §129.14]****Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

(a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;

(b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;

(c) A fire set for the prevention and control of disease or pests, when approved by the Department;

(d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;

(e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of such structure;

(f) A fire set solely for recreational or ceremonial purposes; or

(g) A fire set solely for cooking food.

**Fuel Restriction(s).****# 009 [25 Pa. Code §123.22]****Combustion units**

Except as required for Source 116 (380 kW Emergency Generator) under Section D, the sulfur content of all other fuel oil used at the site shall not exceed 0.05% by weight.

**Throughput Restriction(s).****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Excluding the 380 kW Emergency Generator (Source ID 116), the total fuel heat input from all combustion sources, including those identified in Section H, shall be restricted to 140,913 MMBTU per 12-month rolling period.

(b) Compliance with paragraph (a) above shall be demonstrated using the following estimated fuel heating values:

(1) For natural gas, 1,030 Btu/cubic foot

(2) For fuel oil, 140,000 Btu/gallon

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall limit the sitewide throughputs of crude coal tar, crude petroleum tar, and decant oil to the following



**SECTION C. Site Level Requirements**

production throughput limits:

Crude Coal Tar - 7,000,000 gallons per 12-month rolling period  
 Crude Petroleum Tar - 914,940 gallons per 12-month rolling period  
 Decant Oil - 3,024,278 gallons per 12-month rolling period

**II. TESTING REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) If, at any time, the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A of this permit may be in excess of the limitations specified in this permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the department to determine the actual emission rate(s).

(b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

**III. MONITORING REQUIREMENTS.****# 013 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions, may be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

**# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the sitewide throughputs of crude coal tar, crude petroleum tar, and decant oil on a monthly basis.

**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the total fuel heat input from all combustion sources, including those identified in Section H, on a monthly basis and as a 12-month rolling sum.

(b) The monitoring requirement in paragraph (a) does not apply to the 380 kW Emergency Generator (Source ID 116).

**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall calculate the total NO<sub>x</sub>, VOC, and HAP emissions from all sources (including those listed in Section H of this permit) monthly and on a 12-month rolling sum.

**# 017 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and
- (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and

**SECTION C. Site Level Requirements**

- (4) Be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

**IV. RECORDKEEPING REQUIREMENTS.****# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) The permittee shall record the total fuel heat input from all combustion sources, including those identified in Section H, on a monthly basis and as a 12-month rolling sum.
- (b) The recordkeeping requirement in paragraph (a) does not apply to the 380 kW Emergency Generator (Source ID 116).

**# 019 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall record the sitewide throughputs of crude coal tar, crude petroleum tar, and decant oil on a monthly basis and as a 12-month rolling sum.

**# 020 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the total NO<sub>x</sub>, VOC, and HAP emission calculations from all sources (including those listed in Section H of this permit) monthly and on a 12-month rolling sum.

**# 021 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s);
- (b) The cause of the event; and
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

**# 022 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 123.22]

The permittee shall maintain on site documentation of the fuel oil supplier certification that includes the following information for each delivery of fuel oil:

- (a) The name of the oil supplier.
- (b) A statement that the sulfur content of the oil does not exceed 0.05% by weight.

**V. REPORTING REQUIREMENTS.****# 023 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

**SECTION C. Site Level Requirements**

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

- (1) Name, permit or authorization number, and location of the facility;
- (2) Nature and cause of the malfunction, emergency or incident;
- (3) Date and time when the malfunction, emergency or incident was first observed;
- (4) Expected duration of excess emissions;
- (5) Estimated rate of emissions; and
- (6) Corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

**# 024 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Part 68]

(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 Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

- (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

**SECTION C. Site Level Requirements**

(d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.

(f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

**# 025 [25 Pa. Code §135.3]****Reporting**

(a) The permittee, who has been previously advised by the Department to submit a source report, shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from all previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported.

(b) The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

**VI. WORK PRACTICE REQUIREMENTS.****# 026 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1(a)(1-9), shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(a) Use, where possible, of water or suitable chemicals, as approved by the Department, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, water, or other suitable chemicals, as approved by the Department, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

**# 027 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

**# 028 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section H, where applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications when applicable.

**# 029 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III, or any other applicable rule promulgated under the Clean Air Act.

**SECTION C. Site Level Requirements**

**# 030 [25 Pa. Code §127.441]**  
**Operating permit terms and conditions.**

**VII. ADDITIONAL REQUIREMENTS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VIII. COMPLIANCE CERTIFICATION.**

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

**IX. COMPLIANCE SCHEDULE.**

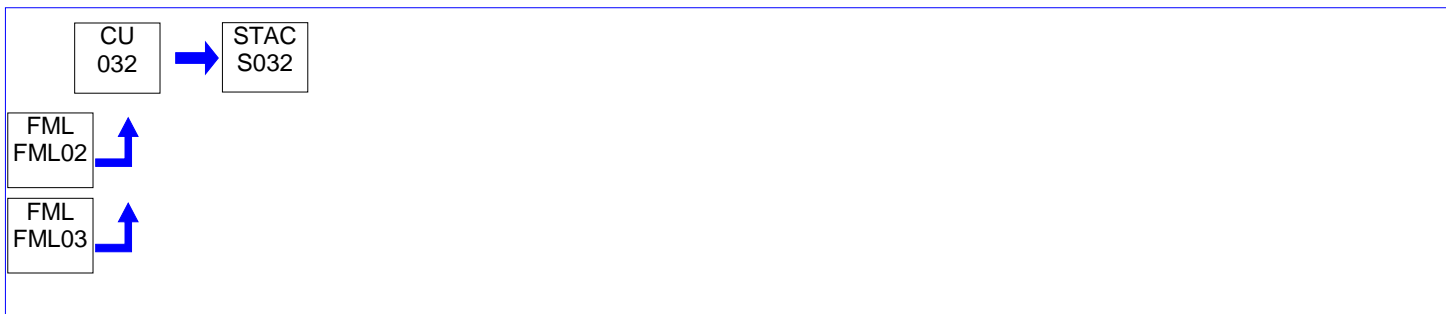
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 032

Source Name: HOT OIL HEATER SYSTEM

|                             |               |             |
|-----------------------------|---------------|-------------|
| Source Capacity/Throughput: | 67.150 Gal/HR | #2 Oil      |
|                             | 8.932 MCF/HR  | Natural Gas |

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.11]****Combustion units**

(a) Emissions of particulate matter (PM-total) from a combustion source rated between 2.5 MMBtu/Hr and 50 MMBtu/Hr shall not exceed 0.4 pounds per million BTU of heat input, pursuant to 25 Pa. Code § 123.11(a)(1).

(b) This requirement applies to the 5 MMBtu Tank Heater.

**# 002 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The following burners are associated with this source:

| Unit               | Rating       | Manufacturer | Model No.       |
|--------------------|--------------|--------------|-----------------|
| "Silver Bullet"    | 1.4 MMBtu/Hr | Power Flame  | CR2-GO-20A      |
| Tank 14A Heater    | 1.4 MMBtu/Hr | Power Flame  | CR2-GO-20A      |
| Tank 9 Heater      | 1.4 MMBtu/Hr | Power Flame  | CR2-GO-20A      |
| 5MMBtu Tank Heater | 5.0 MMBtu/hr | Power Flame  | HCI-4010-40-S-G |

**SECTION D. Source Level Requirements**

Source ID: 033

Source Name: MISC COMBUSTION SOURCES

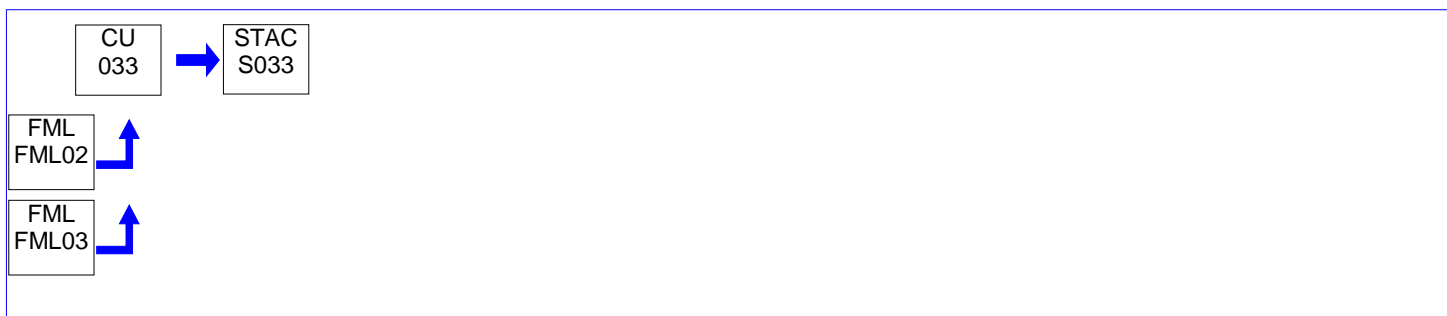
Source Capacity/Throughput:

3.980 MCF/HR

Natural Gas

25.550 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11195]

The Main Plant Boiler shall only use natural gas as the primary fuel. No. 2 fuel oil shall only be used during periods of gas curtailment, gas supply emergencies, or for periodic testing (not to exceed 48 hours during any calendar year).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11195]

Whenever No. 2 fuel oil is combusted in the Main Plant Boiler, the permittee shall obtain and maintain the necessary documents to demonstrate compliance with the fuel restrictions applicable to the Main Plant Boiler.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).



**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 004 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source consists of the following combustion sources:

- (a) Main Plant Boiler, rated at 2.1 MMBtu/Hr and manufactured by Bryan Boilers, Model CLM210-S-150-FDGO,
- (b) Wastewater Heating System, rated at 1.4 MMBtu/Hr and manufactured by Power Flame, Model CR2-GO-20A.

**SECTION D. Source Level Requirements**

Source ID: 110

Source Name: CRUDE STORAGE TANKS

|                             |               |                |
|-----------------------------|---------------|----------------|
| Source Capacity/Throughput: | 4.078 MCF/HR  | Natural Gas    |
|                             | 30.660 Gal/HR | #2 Oil         |
|                             | N/A           | Crude Coal Tar |

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

# 003 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**Throughput Restriction(s).**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR §§ 60.113 and 60.115a]

The vapor pressure of material stored in Tank #31 shall be less than 1.0 psia.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

# 006 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the following for each tank associated with this source on a monthly basis:

**SECTION D. Source Level Requirements**

- (a) The name and type of the material.
- (b) The amount of the material as determined from crude coal tar purchases.
- (c) The vapor pressure.

**IV. RECORDKEEPING REQUIREMENTS.****# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The amount of the material as determined from crude coal tar purchases.
- (c) The vapor pressure.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank that is heated and is associated with Source 110.

**# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a Safety Data Sheet (SDS) or equivalent for the material that is stored in each tank that is associated with this source.

**# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.113]****Subpart K - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978****Monitoring of operations.**

[Additional authority for this permit condition is also derived from 40 CFR § 60.115a]

The permittee shall maintain documentation demonstrating that the vapor pressure of the contents of Tank #31 are less than 1.0 psia.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g)]

For VOCs in tanks with a capacity greater than 40,000 gallons 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 hottest month of the year in which the storage takes place.

**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For each tank associated with Source 110 that is heated, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications.

**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Tanks without a pressure relief valve shall only store VOC solvents with a vapor pressure of less than 1.5 psi.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 014 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The requirements under this Source ID (110) applies to the following Storage tanks:

| Tank | Capacity    | Chemical Stored                    | Vapor Pressure (psi) |
|------|-------------|------------------------------------|----------------------|
| 30   | 48,000 gal  | Crude Coal Tar/Crude Petroleum Tar | 0.43, <0.001         |
| 31   | 150,000 gal | Decant Oil                         | 0.10                 |
| 46   | 225,000 gal | Crude Coal Tar                     | 0.43                 |

(b) Each storage tank is equipped with a combustion burner manufactured by Power Flame, Model No. CR2-GO-20A, rated at 1.4 MMBtu/hr.

**# 015 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Due to the lack of data on the construction date for Tank #31, Tank #31 shall be subject to complying with both 40 CFR Part 60, Subparts K and Ka, along with all applicable requirements of Subpart A and providing notification to EPA.

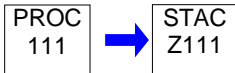
**SECTION D. Source Level Requirements**

Source ID: 111

Source Name: COAL TAR DISTILLATE STORAGE VESSELS

Source Capacity/Throughput:

N/A

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The amount of the material as determined from coal tar distillate and/or creosote distribution.
- (c) The vapor pressure

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The amount of the material as determined from coal tar distillate and/or creosote distribution.
- (c) The vapor pressure.

**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a Safety Data Sheet (SDS) or equivalent for the material that is stored in each tank that is associated with this source.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g)]

For VOCs in tanks with a capacity greater than 40,000 gallons 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 hottest month of the year in which the storage takes place.

**SECTION D. Source Level Requirements****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Tanks without a pressure relief valve shall only store VOC solvents with a vapor pressure of less than 1.5 psi.

**VII. ADDITIONAL REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The requirements under this Source ID (111) applies to the following tanks:

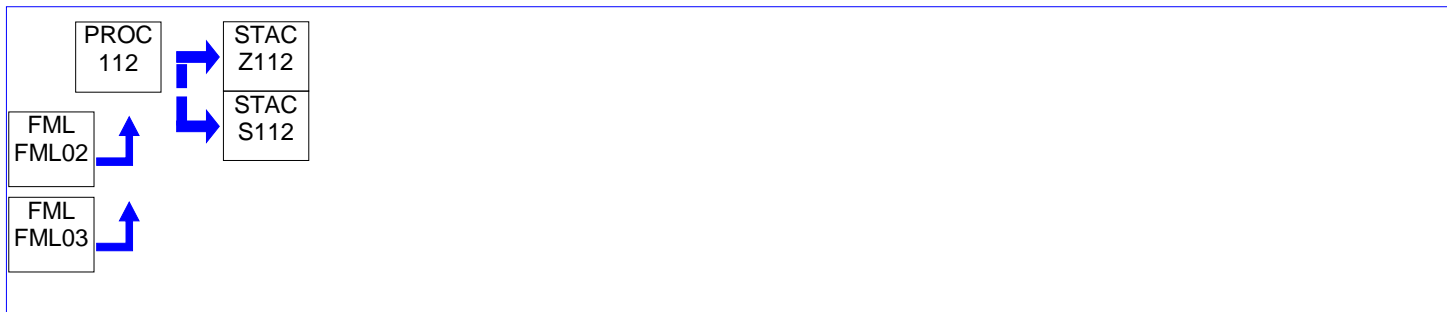
| Tank     | Capacity (gal) | Chemical Stored                      | Vapor Pressure (psia) |
|----------|----------------|--------------------------------------|-----------------------|
| 33       | 48,000         | Coal Tar Distillate                  | 0.49                  |
| 34       | 48,000         | Coal Tar Distillate Import           | 0.49                  |
| 36       | 22,000         | Coal Tar Distillate Import/Biodiesel | 0.49, 0.02            |
| 66(14-C) | 15,000         | Creosote                             | 0.49                  |
| 67(14-F) | 20,000         | Creosote/Petroleum Solution          | 0.49                  |

**SECTION D. Source Level Requirements**

Source ID: 112

Source Name: ROAD TAR PRODUCT STORAGE VESSELS

|                             |               |                          |
|-----------------------------|---------------|--------------------------|
| Source Capacity/Throughput: | 3.204 MCF/HR  | Natural Gas              |
|                             | 20.440 Gal/HR | #2 Oil                   |
|                             | N/A           | Road Tar/Various Product |

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.13]

**Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

# 002 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

# 003 [25 Pa. Code §123.22]

**Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).**

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

# 005 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall monitor the following for each tank associated with this source on a monthly basis:

- The name and type of the material.
- The amount of the material as determined from raw material purchases and product distribution.
- The vapor pressure.

**SECTION D. Source Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The amount of the material as determined from raw material purchases and product distribution.
- (c) The vapor pressure.

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank that is heated and is associated with Source 112.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a Safety Data Sheet (SDS) or equivalent for the material that is stored in each tank that is associated with Source 112.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.56(g)]

For VOCs in tanks with a capacity greater than 40,000 gallons 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 hottest month of the year in which the storage takes place.

**# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For each tank associated with Source 112 that is heated, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications.

**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Tanks without a pressure relief valve shall only store VOC solvents with a vapor pressure of less than 1.5 psi.

**VII. ADDITIONAL REQUIREMENTS.****# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The requirements under this Source ID (112) applies to the following Storage tanks:

| Tank     | Capacity (gal) | Chemical Stored       | Vapor Pressure (psia) |
|----------|----------------|-----------------------|-----------------------|
| 42       | 25,000         | Road tar              | 0.02                  |
| 65(10-A) | 25,000         | Road tar              | 0.02                  |
| 68(100)  | 100,000        | Road tar              | 0.02                  |
| 69(200)  | 100,000        | Road tar              | 0.02                  |
| 70       | 10,000         | Hi-Sol 10             | 0.06                  |
| 71       | 10,000         | Xylene                | 0.27                  |
| 76       | 34,000         | X8020/Petroleum Pitch | 0.13, 0.15            |
| 18       | 3,000          | Crude Coal Tar        | 0.43                  |
| 44       | 10,000         | Road Tar              | 0.02                  |
| 72       | 25,000         | Road Tar              | 0.02                  |



**SECTION D. Source Level Requirements**

|     |        |                 |      |
|-----|--------|-----------------|------|
| M-2 | 5,000  | Sealer SP       | 0.33 |
| M-4 | 5,000  | Sealer SP       | 0.33 |
| 56  | 10,136 | Road Tar        | 0.02 |
| 75  | 5,453  | Road Tar        | 0.02 |
| 77  | 10,000 | C6040           | 0.06 |
| P11 | 10,000 | Asphalt cutback | 0.02 |

This group also includes the V-1 100/200 Vent Receiver.

**# 013 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The following burners are associated with this source:

| Unit           | Rating       | Manufacturer | Model No.     |
|----------------|--------------|--------------|---------------|
| Tank 18 Heater | 0.5 MMBtu/hr | Maxon        | Not Available |
| Tank 68 Heater | 1.4 MMBtu/hr | Power Flame  | CR2-GO-20A    |
| Tank 69 Heater | 1.4 MMBtu/hr | Power Flame  | CR2-GO-20A    |

**SECTION D. Source Level Requirements**

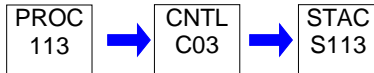
Source ID: 113

Source Name: UPPER RECEIVERS WITH SCRUBBER

Source Capacity/Throughput:

N/A

Coal Tar Distillate

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following for each tank associated with this source on a monthly basis:

- (1) The name and type of the material.
- (2) The throughput of the material as determined from raw material purchases.
- (3) The vapor pressure.

(b) The permittee shall use the emission estimation procedures from Chapter 7 of U.S. EPA's AP-42 Compilation of Air Pollutant Emission Factors to calculate the VOC emissions.

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The throughput of the material as determined from raw material purchases.
- (c) The vapor pressure.

**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a Safety Data Sheet (SDS) or equivalent for the material that is stored in each tank that is associated with this source.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Tanks without a pressure relief valve shall only store VOC solvents with a vapor pressure of less than 1.5 psi.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The upper receivers vent VOC emissions to an odor control device - the AlliedSignal Biological Treatment (BAT) System. The system combines a venturi scrubber with biological treatment to consume and remove organic contaminants. The odor control device was voluntarily installed and not as a result of regulatory requirements.

**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The requirements under this Source ID (113) applies to the following tanks:

| Tank        | Capacity (gal) | Chemical Stored     | Vapor Pressure (psia) |
|-------------|----------------|---------------------|-----------------------|
| R-1 (Upper) | 10,000         | Wastewater          | 0.34                  |
| R-2 (Upper) | 10,000         | Naphthalene         | <0.01                 |
| R-3 (Upper) | 10,000         | Coal Tar Distillate | 0.49                  |

**SECTION D. Source Level Requirements**

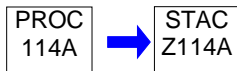
Source ID: 114A

Source Name: TANK 1-G

Source Capacity/Throughput:

2.300 Gal/HR

UNLEADED GASOLINE

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §129.61]****Small gasoline storage tank control (Stage 1 control)**

A person may not transfer gasoline from a delivery vessel into a stationary gasoline storage tank unless the displaced vapors from the storage tank are transferred to the dispensing delivery tank through a vapor right return line and unless the receiving tank is equipped with a submerged fill pipe which extends from the filling orifice to within 6 inches of the bottom of the tank. The vapors collected in the dispensing tank shall be disposed of in accordance with 25 PA Code § 129.59 or 25 PA Code § 129.60(c) (relating to bulk gasoline terminals; and bulk gasoline plants).

**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11116]****Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Gasoline Dispensing Facilities Requirements for facilities with monthly throughput of less than 10,000 gallons of gasoline.**

The permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:

- (a) Minimize gasoline spills;
- (b) Clean up spills as expeditiously as practicable;
- (c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
- (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.



## SECTION D. Source Level Requirements

### VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

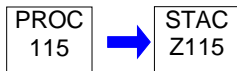
Source ID: 115

Source Name: LOWER RECEIVERS

Source Capacity/Throughput:

N/A

Coal Tar Distillate

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The permittee shall monitor the following for each tank associated with this source on a monthly basis:

- (1) The name and type of the material.
- (2) The throughput of the material as determined from raw material purchases.
- (3) The vapor pressure.

(b) The permittee shall use the emission estimation procedures from Chapter 7 of U.S. EPA's AP-42 Compilation of Air Pollutant Emission Factors to calculate the VOC emissions.

**IV. RECORDKEEPING REQUIREMENTS.****# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following for each tank associated with this source on a monthly basis:

- (a) The name and type of the material.
- (b) The throughput of the material as determined from raw material purchases.
- (c) The vapor pressure.

**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep on hand a Safety Data Sheet (SDS) or equivalent for the material that is stored in each tank that is associated with this source.

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Tanks without a pressure relief valve shall only store VOC solvents with a vapor pressure of less than 1.5 psi.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The lower receivers vent directly to the atmosphere. The requirements under this Source ID (115) applies to the following tanks:

| Tank        | Capacity (gal) | Chemical Stored                              | Vapor Pressure (psia) |
|-------------|----------------|--|-----------------------|
| R-1 (Lower) | 10,000         | Wastewater                                   | 0.34                  |
| R-2 (Lower) | 10,000         | Coal Tar Distillate/Petroleum Tar Distillate | 0.49, 0.49            |
| R-3 (Lower) | 10,000         | Coal Tar Distillate/Petroleum Tar Distillate | 0.49, 0.49            |
| R-4 (Lower) | 10,000         | Xylene                                       | 0.27                  |

**SECTION D. Source Level Requirements**

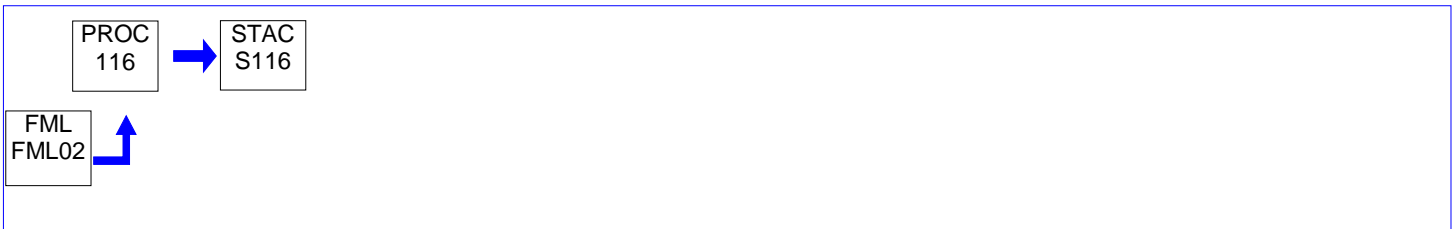
Source ID: 116

Source Name: 380 KW EMERGENCY GENERATOR

Source Capacity/Throughput:

26.400 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).**

# 001 [25 Pa. Code §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**Operation Hours Restriction(s).**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee shall limit the hours of operation for this engine to the following:

- (1) Less than 100 hours per year for maintenance and readiness testing,
- (2) Less than 50 hours per year for non-emergency situations, those 50 hours count towards the 100 hours per year for maintenance and readiness testing.

(b) The total hours of operation of the emergency generator shall not exceed 500 hours per 12-month rolling period.

(c) This engine cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6640]

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) The permittee may operate the emergency engine for a maximum of 15 hours of the 50 non-emergency hours per year for demand response in emergency situations that could lead to a potential blackout as described in 40 C.F.R. 63.6640(f)(iii).

(b) Beginning January 1, 2015, an existing emergency compression ignition (CI) stationary RICE with a site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR § 63.6640(f)(2)(ii) and (iii) (as incorporated herein this operating permit) or that operates for the purpose specified in § 63.6640(f)(4)(ii), you must use diesel fuel that meets the per-gallon requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted. The per-gallon requirements are as follows:

- (1) Sulfur content - 15 ppm, maximum
- (2) Cetane index or aromatic content, as follows:
  - (i) A minimum cetane index of 40; or
  - (ii) A maximum aromatic content of 35 volume percent.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6640]



**SECTION D. Source Level Requirements****II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall calculate the total NOx emissions for this source in lb/hr (averaged daily), lb/day (averaged monthly), tons per ozone season and tons per year calculated on a 12-month rolling sum.

**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall monitor the following on a monthly basis and as a 12-month rolling sum:

- (a) The hours of operation for maintenance and readiness testing.
- (b) The hours of operation for non-emergency situations.
- (c) The hours of operation for emergency usage.

**IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the total NOx emissions from this source in lb/hr (averaged daily), lb/day (averaged monthly), tons per ozone season and tons per year calculated on a 12-month rolling sum.

**# 007 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of when the following maintenance was performed on this source, to include the hour reading on the hour meter when the service took place:

- (a) Changed the oil filter,
- (b) Inspect and replace if necessary the air cleaner; and
- (c) Inspect and replace if necessary all hoses and belts.

**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall keep records of the following on a monthly basis and as a 12-month rolling sum:

- (a) The hours of operation for maintenance and readiness testing.
- (b) The hours of operation for non-emergency situations.
- (c) The hours of operation for emergency usage.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6655(f)]

**V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.****# 009 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall perform the following maintenance on this source:

- (a) Change the oil filter every 500 hours of operation or annually, whichever comes first,
- (b) Inspect and replace if necessary the air cleaner every 1,000 hours of operation or annually, whichever comes first; and

**SECTION D. Source Level Requirements**

(c) Inspect and replace if necessary all hoses and belts every 500 hours of operation or annually, whichever comes first.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6603]

**# 010 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall install and maintain a non-resettable hour meter on this engine.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6625(f)]

**# 011 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

The permittee shall operate and maintain this source in accordance with the manufacturer's specifications and in a manner consistent with good air pollution control practices.

[Compliance with this condition assures compliance with 40 C.F.R. 63.6625(e)]

**VII. ADDITIONAL REQUIREMENTS.**

**# 012 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source consists of a 380 kw emergency generator with a horsepower rating of 540. This engine was installed in 1989.

Generator is manufactured by Marathon Electric (made in February 1988):

Model # 571 RSL 2024A-F000W  
Serial # UB 3461930-1

The Engine is a Detroit Diesel:

Model # 4A95041  
Serial # 80837405

**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: STILL #12

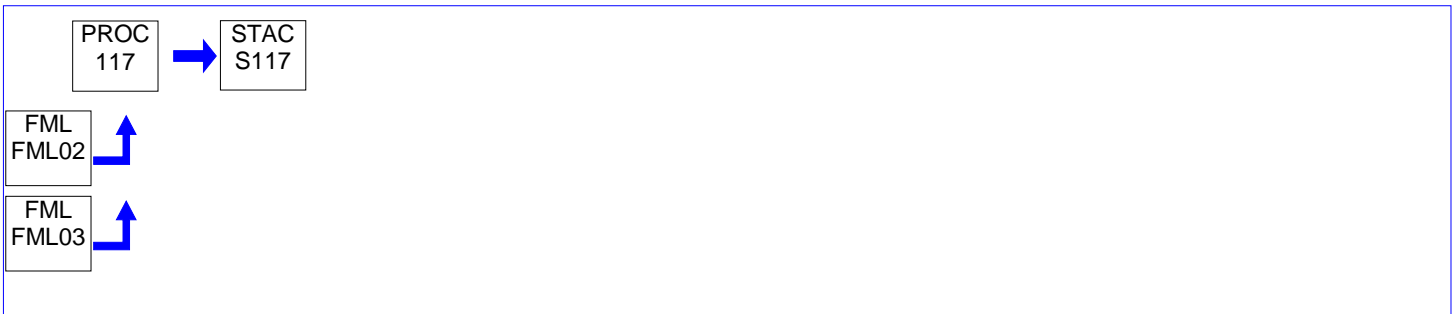
Source Capacity/Throughput:

4.078 MCF/HR

Natural Gas

30.660 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with two (2) dual fuel burners, each rated at 2.1 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20B.

**SECTION D. Source Level Requirements**

Source ID: 118

Source Name: STILL #15

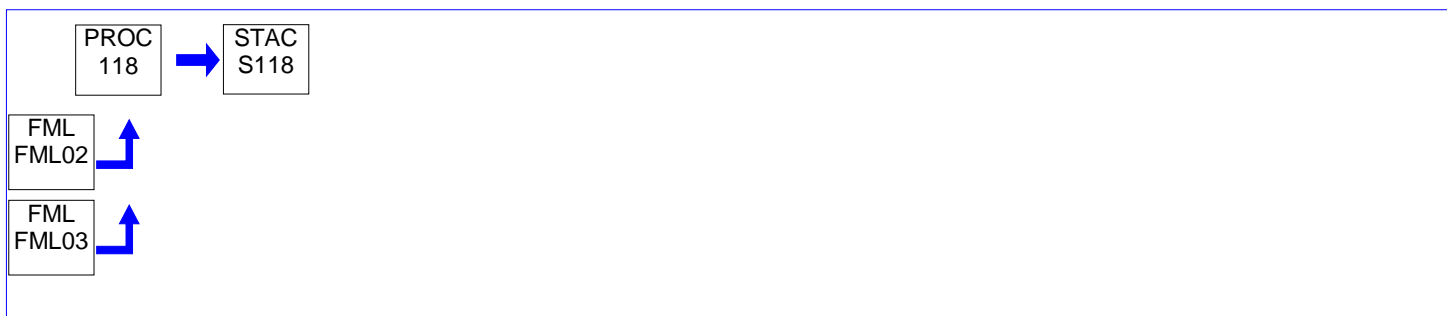
Source Capacity/Throughput:

4.078 MCF/HR

Natural Gas

30.660 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with two (2) dual fuel burners, each rated at 2.1 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20B.

**SECTION D. Source Level Requirements**

Source ID: 119

Source Name: STILL #15 CONDENSER

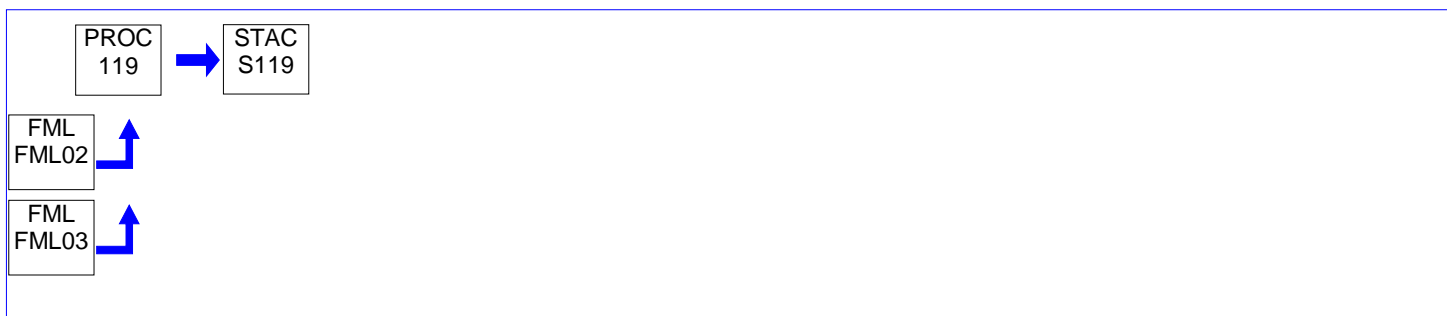
Source Capacity/Throughput:

951.460 CF/HR

Natural Gas

7.150 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with one (1) dual fuel burner, rated at 0.98 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20A.



**SECTION D. Source Level Requirements**

Source ID: 120

Source Name: STILL #16

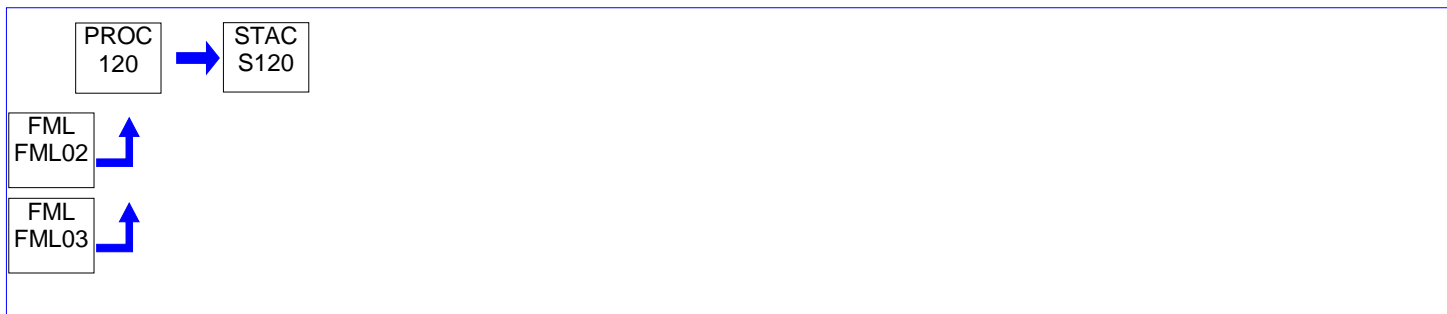
Source Capacity/Throughput:

4.078 MCF/HR

Natural Gas

30.660 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with two (2) dual fuel burners, each rated at 2.1 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20B.

**SECTION D. Source Level Requirements**

Source ID: 121

Source Name: STILL #17

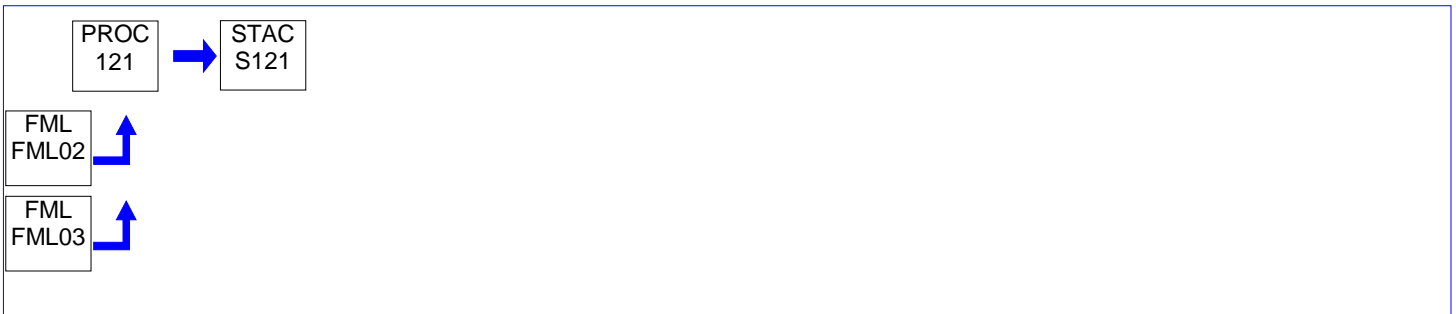
Source Capacity/Throughput:

4.078 MCF/HR

Natural Gas

30.660 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with two (2) dual fuel burners, each rated at 2.1 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20B.

**SECTION D. Source Level Requirements**

Source ID: 122

Source Name: STILLS #16/#17 CONDENSER

Source Capacity/Throughput:

951.460 CF/HR

Natural Gas

7.150 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with one (1) dual fuel burner, rated at 0.98 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20A.

**SECTION D. Source Level Requirements**

Source ID: 123

Source Name: STILL #14

Source Capacity/Throughput: 4,077.700 CF/HR  
30.660 Gal/HRNatural Gas  
NO. 2 FUEL OIL**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with two (2) dual fuel burners, each rated at 2.1 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20B.



**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: STILLS #12/#14 CONDENSER

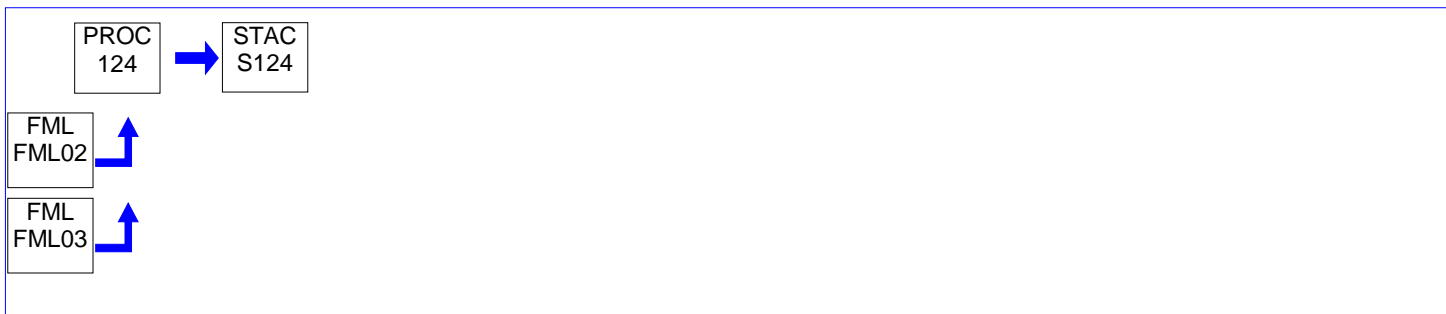
Source Capacity/Throughput:

951.460 CF/HR

Natural Gas

7.150 Gal/HR

#2 Oil

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission into the outdoor atmosphere of filterable particulate matter from this source at any time, in excess of 0.04 grains per dry standard cubic foot, pursuant to 25 Pa. Code § 123.13(c)(1)(i).

**# 002 [25 Pa. Code §123.21]****General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 ppmvd.

**# 003 [25 Pa. Code §123.22]****Combustion units**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from this source, in excess of the rate of 1.0 pound per million Btu of heat input, pursuant to 25 Pa. Code § 123.22(e)(1).

**Fuel Restriction(s).****# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall only burn natural gas or commercial No. 2 fuel oil, which does not contain reclaimed waste oil or other waste materials.

**II. TESTING REQUIREMENTS.**

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**III. MONITORING REQUIREMENTS.**

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**IV. RECORDKEEPING REQUIREMENTS.**

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VI. WORK PRACTICE REQUIREMENTS.**

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**VII. ADDITIONAL REQUIREMENTS.**

**# 005 [25 Pa. Code §127.441]**

**Operating permit terms and conditions.**

This source is equipped with one (1) dual fuel burner, rated at 0.98 MMBtu/Hr, manufactured by Power Flame, Model No. CR2-GO-20A.



**SECTION E. Source Group Restrictions.**

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

| Source Id             | Source Description               |                                  |                  |
|-----------------------|----------------------------------|----------------------------------|------------------|
| 032                   | HOT OIL HEATER SYSTEM            |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 0.400                 | Lbs/MMBTU                        |                                  | TSP              |
| 033                   | MISC COMBUSTION SOURCES          |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 110                   | CRUDE STORAGE TANKS              |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 500.000               | PPMV                             | Determined on a dry volume basis | SOX              |
| 0.040                 | gr/DRY FT3                       | Applies to filterable PM only    | TSP              |
| 112                   | ROAD TAR PRODUCT STORAGE VESSELS |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 500.000               | PPMV                             | Determined on a dry volume basis | SOX              |
| 0.040                 | gr/DRY FT3                       | Applies to filterable PM only    | TSP              |
| 116                   | 380 KW EMERGENCY GENERATOR       |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 500.000               | PPMV                             | Determined on a dry volume basis | Pollutant<br>SOX |
| 117                   | STILL #12                        |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 500.000               | PPMV                             | Determined on a dry volume basis | SOX              |
| 0.040                 | gr/DRY FT3                       | Applies to filterable PM only    | TSP              |
| 118                   | STILL #15                        |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 500.000               | PPMV                             | Determined on a dry volume basis | SOX              |
| 0.040                 | gr/DRY FT3                       | Applies to filterable PM only    | TSP              |
| 119                   | STILL #15 CONDENSER              |                                  |                  |
| <b>Emission Limit</b> |                                  |                                  |                  |
| 1.000                 | Lbs/MMBTU                        |                                  | Pollutant<br>SOX |
| 500.000               | PPMV                             | Determined on a dry volume basis | SOX              |
| 0.040                 | gr/DRY FT3                       | Applies to filterable PM only    | TSP              |

**SECTION G. Emission Restriction Summary.**

| Source Id             | Source Description       |                                  |     |
|-----------------------|--------------------------|----------------------------------|-----|
| 120                   | STILL #16                |                                  |     |
| <b>Emission Limit</b> |                          | <b>Pollutant</b>                 |     |
| 1.000                 | Lbs/MMBTU                |                                  | SOX |
| 500.000               | PPMV                     | Determined on a dry volume basis | SOX |
| 0.040                 | gr/DRY FT3               | Applies to filterable PM only    | TSP |
| 121                   | STILL #17                |                                  |     |
| <b>Emission Limit</b> |                          | <b>Pollutant</b>                 |     |
| 1.000                 | Lbs/MMBTU                |                                  | SOX |
| 500.000               | PPMV                     | Determined on a dry volume basis | SOX |
| 0.040                 | gr/DRY FT3               | Applies to filterable PM only    | TSP |
| 122                   | STILLS #16/#17 CONDENSER |                                  |     |
| <b>Emission Limit</b> |                          | <b>Pollutant</b>                 |     |
| 1.000                 | Lbs/MMBTU                |                                  | SOX |
| 500.000               | PPMV                     | Determined on a dry volume basis | SOX |
| 0.040                 | gr/DRY FT3               | Applies to filterable PM only    | TSP |
| 124                   | STILLS #12/#14 CONDENSER |                                  |     |
| <b>Emission Limit</b> |                          | <b>Pollutant</b>                 |     |
| 1.000                 | Lbs/MMBTU                |                                  | SOX |
| 500.000               | PPMV                     | Determined on a dry volume basis | SOX |
| 0.040                 | gr/DRY FT3               | Applies to filterable PM only    | TSP |

**Site Emission Restriction Summary**

| Emission Limit | Pollutant  |                          |
|----------------|--|--------------------------|
| 24.900 Tons/Yr | Determined on a 12-month rolling basis                       | VOC                      |
| 9.900 Tons/Yr  | Applies to Total HAP; Determined on a 12-month rolling basis | Hazardous Air Pollutants |
| 24.900 Tons/Yr | Determined on a 12-month rolling basis                       | NOX                      |

**SECTION H. Miscellaneous.**

- (a) The information listed in Section A, Site Inventory List and Permit Maps, is for informational purposes only.
- (b) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:
- (1) One (1) Rail Road Boiler, manufactured by Bryan Boilers, model No. CLM210-S-150-FDGO (2.1 MMBTU/HR), using only natural gas.
  - (2) One (1) Hot Water Heater, manufactured by Lockinvar (0.65 MMBTU/HR), using only natural gas.
  - (3) Two (2) No. 2 fuel oil storage vessels designated as Tank 37 (capacity of 25,000 gal) and Tank 57 (capacity of 10,000 gal).
- (c) This State Only Operating Permit (APS No.: 604398, Auth ID: 909000) has been renewed for another 5-year term.
- (d) The Department approved monthly monitoring of malodor, fugitive, and visible emissions on August 18, 2008. The Department reserves the right to change the monitoring requirement at any time as described in paragraph (e) of Condition #017 of Section C.
- (e) RFD # 1442, approved by the Department in April 2010, allowed the storage of Biodiesel in Tank 36 under Source ID 111 (Coal Tar Distillate Storage Vessels) and under Source ID 110 (Crude Coal Tar Storage Tanks) allowed the storage of Decant oil in Tank 31 instead of crude coal tar.
- (f) This State Only Operating Permit (APS No.: 604398, Auth ID: 1161396) has been renewed for another 5-year term. This State Only Operating Permit incorporates the following RFD's:
- (1) RFD No. 5740, to replace a 1.2 MMBtu/hr boiler with a new 1.68 MMBtu/hr boiler, manufactured by Bryan Boilers, Model No. CLM210-S-150-FDGO.
  - (2) RFD No. 6392, for the installation of a new 5 MMBtu/hr burner on the hot oil system (see Source ID 032).
- (g) This State Only Operating Permit (APS No.: 604398, Auth ID: 1309699) has been amended to incorporate Plan Approval No. 46-0008, for equipment associated with crude petroleum tar distillates.
- (h) This State Only Operating Permit (APS No.: 604398, Auth ID: 1426869) has been renewed for another 5-year term. This permit renewal reflects the following:
- (1) The BTU rating for the two Bryan boilers (one under Source ID 033 and one under Section H) was based on the output and not the input; the correct heat input for both boilers is 2.1 MMBtu/hr.
  - (2) The permit has a requirement that the permittee maintain records for manufacturer's specifications for the various storage tanks; the only tanks that have manufacturer specifications are those tanks that require heat; DEP has removed this requirement for the other tanks.
  - (3) Fuel tank #21, which was included in paragraph (b)(3), above, has been removed from the facility.
  - (4) The following RFD's have been incorporated:
    - (i) RFD No. 9287, for the replacement of the Still 15 burners (Source ID 118).
    - (ii) RFD No. 9584, for the replacement of equipment associated with Still 16 (Source ID 120).
    - (iii) RFD No. 9706, for the replacement of equipment associated with Still 17 (Source ID 121).



\*\*\*\*\* End of Report \*\*\*\*\*

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