



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: May 19, 2020 Effective Date: March 1, 2026
Revision Date: February 12, 2026 Expiration Date: February 28, 2027
Revision Type: Extension

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to construct, install, modify or reactivate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this plan approval. Nothing in this plan approval relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 46-0008A

Federal Tax Id - Plant Code: 23-0492725-1

Owner Information

Name: COOPERS CREEK CHEM CORP
Mailing Address: 884 RIVER RD
CONSHOHOCKEN, PA 19428-2699

Plant Information

Plant: COOPERS CREEK CHEM CORP/CONSHOHOCKEN
Location: 46 Montgomery County 46955 Upper Merion Township
SIC Code: 2865 Manufacturing - Cyclic Crudes And Intermediates

Responsible Official

Name: MARK MORRIS
Title: VICE PRESIDENT
Phone: (610) 828 - 0375 Ext.125 Email: mmorris@cooperscreekchemical.com

Plan Approval Contact Person

Name: SCOTT MORRIS
Title: VICE PRESIDENT
Phone: (610) 828 - 0375 Ext.117 Email: smorris@cooperscreekchemical.com

[Signature] _____
JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



Plan Approval Description

Plan Approval No. 46-0008A is for the addition of equipment that will add flexibility to produce a product called high melt-point pitch. New proposed equipment includes two (2) additional stills (Source IDs 125 and 126), a still condenser (Source ID 127), two (2) additional lower receivers (Source ID 115, revised), and a new boiler (Source ID 033).



SECTION A. Table of Contents

Section A. Facility/Source Identification

Table of Contents
Plan Approval Inventory List

Section B. General Plan Approval Requirements

- #001 Definitions
- #002 Future Adoption of Requirements
- #003 Plan Approval Temporary Operation
- #004 Content of Applications
- #005 Public Records and Confidential Information
- #006 Plan Approval Terms and Conditions
- #007 Transfer of Plan Approvals
- #008 Inspection and Entry
- #009 Plan Approval Changes for Cause
- #010 Circumvention
- #011 Submissions
- #012 Risk Management
- #013 Prohibition of Air Pollution
- #014 Compliance Requirement

Section C. Site Level Plan Approval Requirements

- C-I: Restrictions
- C-II: Testing Requirements
- C-III: Monitoring Requirements
- C-IV: Recordkeeping Requirements
- C-V: Reporting Requirements
- C-VI: Work Practice Standards
- C-VII: Additional Requirements
- C-VIII: Compliance Certification
- C-IX: Compliance Schedule

Section D. Source Level Plan Approval Requirements

- D-I: Restrictions
- D-II: Testing Requirements
- D-III: Monitoring Requirements
- D-IV: Recordkeeping Requirements
- D-V: Reporting Requirements
- D-VI: Work Practice Standards
- D-VII: Additional Requirements

Note: These same sub-sections are repeated for each source!

Section E. Source Group Restrictions

- E-I: Restrictions
- E-II: Testing Requirements
- E-III: Monitoring Requirements
- E-IV: Recordkeeping Requirements
- E-V: Reporting Requirements
- E-VI: Work Practice Standards
- E-VII: Additional Requirements

Section F. Alternative Operating Scenario(s)

- F-I: Restrictions
- F-II: Testing Requirements



SECTION A. Table of Contents

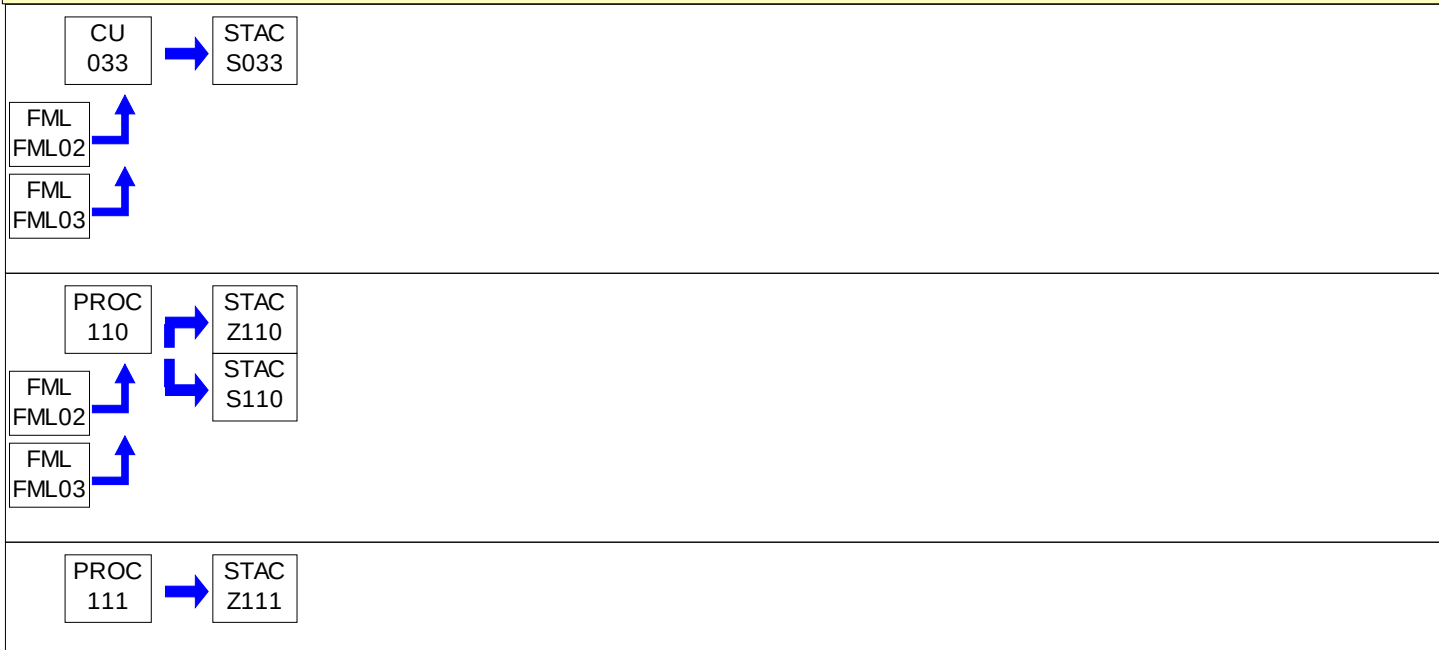
F-III: Monitoring Requirements
F-IV: Recordkeeping Requirements
F-V: Reporting Requirements
F-VI: Work Practice Standards
F-VII: Additional Requirements

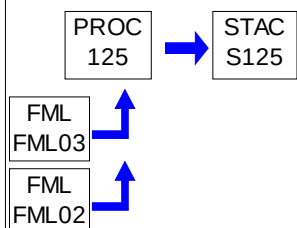
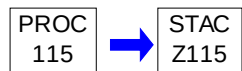
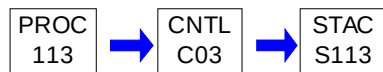
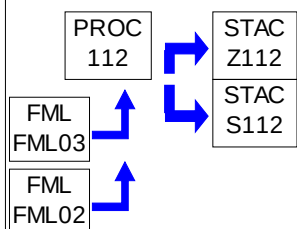
Section G. Emission Restriction Summary

Section H. Miscellaneous

**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
033	MISC COMBUSTION SOURCES	2,990.000 CF/HR 22.480 Gal/HR	Natural Gas #2 Oil
110	CRUDE STORAGE TANKS	4,077.700 CF/HR 30.660 Gal/HR	Natural Gas NO. 2 FUEL OIL
111	COAL TAR DISTILLATE STORAGE VESSELS		
112	ROAD TAR PRODUCT STORAGE VESSELS	3,203.880 CF/HR 20.440 Gal/HR	Natural Gas NO.2 FUEL OIL
113	UPPER RECEIVERS WITH SCRUBBER		
115	LOWER RECEIVERS		
125	STILL #18	4,077.000 CF/HR 30.660 Gal/HR	Natural Gas NO. 2 FUEL OIL
C03	VENTURI W/BIO AIR FILTER		
FML02	#2 FUEL OIL		
FML03	NATURAL GAS		
S033	MISC COMBUSTION SOURCE STACKS		
S110	CRUDE COAL TAR TANK COMBUSTION STACKS		
S112	ROAD TAR TANK HEATER STACKS		
S113	VENTURI SCRUBBER STACK		
S125	STILL #18 STACK		
Z110	FUGITIVE EMISSIONS FROM PROCESS 110		
Z111	FUGITIVE EMISSIONS FROM COAL TAR DISTILLATE PROCESS		
Z112	FUGITIVE EMISSIONS FROM ROAD TAR PRODUCT PROCESS		
Z115	FUGITIVE EMISSIONS FROM LOWER RECEIVERS		

PERMIT MAPS

**PERMIT MAPS**

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

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

#002 [25 Pa. Code § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval Terms and Conditions**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(a)(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

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

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

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

(a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.

(b) 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.

(c) The permittee fails to submit a report required by this plan approval.

(d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

(a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion 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 this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

Regional Air Program Manager

PA Department of Environmental Protection

(At the address given on the plan approval transmittal letter or otherwise notified)

#012 [25 Pa. Code § 127.12(a)(9) & 40 CFR Part 68]**Risk Management**

(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 listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

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

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 121.7]**Prohibition of Air Pollution**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. §§ 4001-4015).

#014 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

**SECTION C. Site Level Plan Approval Requirements****I. RESTRICTIONS.****Fuel Restriction(s).****# 001 [25 Pa. Code §123.22]****Combustion units**

(a) The sulfur content of fuel oil shall not exceed 0.05% by weight, except for as noted in paragraph (b), below.

(b) Commercial fuel oil that was purchased and brought on site prior to July 1, 2016, which meets the sulfur limit of 0.2% by weight, may be used by the permittee on and after July 1, 2016.

002 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) Excluding the 380 kW Emergency Generator (Source ID 116), the total fuel heat input from all combustion sources, including all insignificant sources identified in State Only Operating Permit No. 46-00008, 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

Throughput Restriction(s).**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall monitor the total fuel heat input from all combustion sources, including all insignificant sources identified in State Only Operating Permit No. 46-00008, 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).

IV. RECORDKEEPING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall record the total fuel heat input from all combustion sources, including all insignificant sources identified in State Only Operating Permit No. 46-00008, 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).

**SECTION C. Site Level Plan Approval Requirements****# 007 [25 Pa. Code §127.12b]****Plan approval 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.

008 [25 Pa. Code §127.12b]**Plan approval 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:
 - (1) 0.2% by weight, if received prior to July 1, 2016.
 - (2) 0.05% by weight, if received after June 30, 2016.

V. REPORTING REQUIREMENTS.**# 009 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. 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.

(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.

**SECTION C. Site Level Plan Approval 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.

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Unless otherwise stated herein this Plan Approval, the permittee shall comply with all the Site Level Requirements of State Only Operating Permit No. 46-00008.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

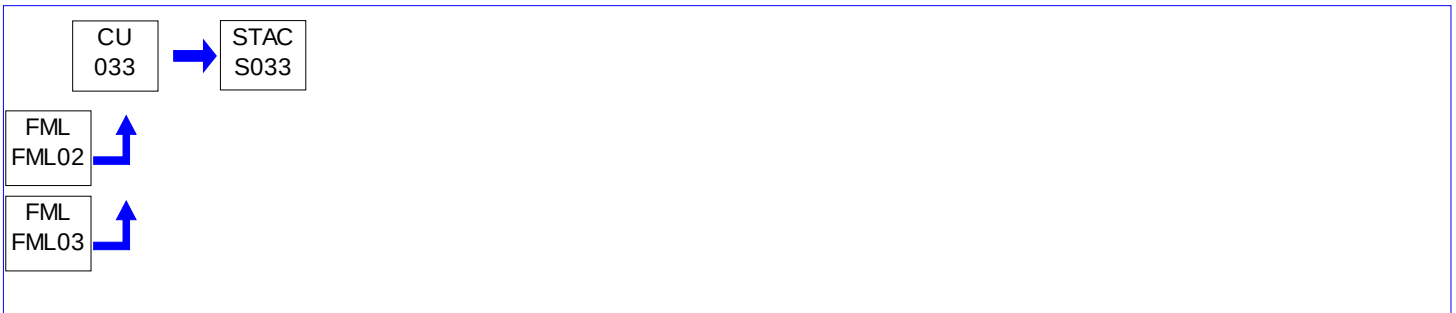
IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 033

Source Name: MISC COMBUSTION SOURCES

Source Capacity/Throughput: 2,990.000 CF/HR
22.480 Gal/HRNatural Gas
#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 §127.12b]**
Plan approval terms and conditions.

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

(a) 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).

(b) The Plant Boiler 2 shall only burn natural gas as fuel.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]**
Plan approval 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.

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

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

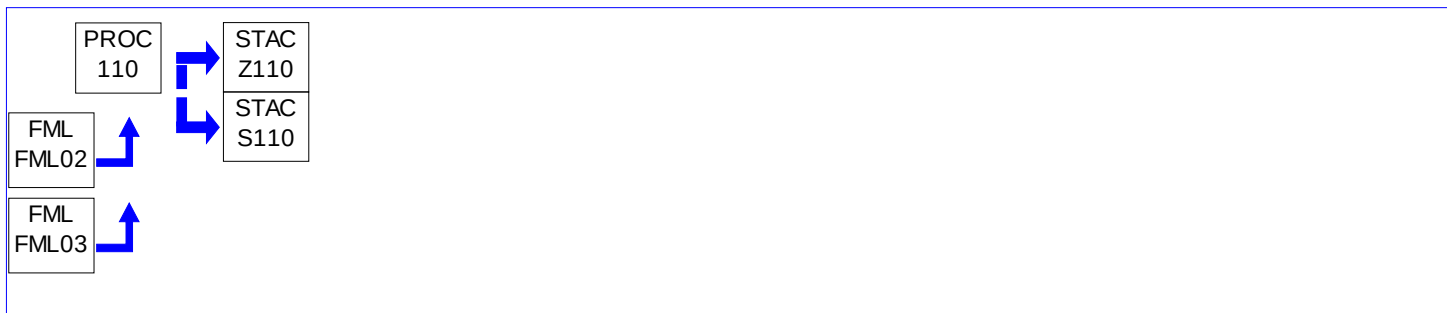
This source consists of the following combustion sources:

- (a) Main Plant Boiler, rated at 1.68 MMBtu/Hr and manufactured by Bryan Boilers, Model CLM210-S-150-FDGO.
- (b) Plant Boiler 2, rated at 4.2 MMBtu/hr and manufactured by Bryan Boilers, Model EB100-S-150.
- (c) Wastewater Heating System, rated at 1.4 MMBtu/Hr and manufactured by Power Flame, Model CR2-GO-20A.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 110

Source Name: CRUDE STORAGE TANKS

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 SO₂, in the effluent gas exceeds 500 ppmvd.

Fuel Restriction(s).

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The burners associated with the storage tanks 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).

004 [25 Pa. Code §127.12b]

Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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

**SECTION D. Source Level Plan Approval 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

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank associated with this source.

007 [25 Pa. Code §127.12b]

Plan approval 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.

008 [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 plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

009 [25 Pa. Code §127.12b]

Plan approval 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 §127.12b]

Plan approval terms and conditions.

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

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

For each tank associated with this source, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

012 [25 Pa. Code §127.12b]

Plan approval 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.

013 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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

**SECTION D. Source Level Plan Approval Requirements**

Tank	Capacity	Chemical Stored	Vapor Pressure (psia)
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

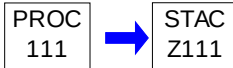
(b) Each storage tank is equipped with a combustion burner manufactured by Power Flame, Model No. CR2-GO-20A, rated at 1.4 MMBtu/hr.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 111

Source Name: COAL TAR DISTILLATE STORAGE VESSELS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval 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 §127.12b]****Plan approval 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 §127.12b]**Plan approval terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank associated with this source.

004 [25 Pa. Code §127.12b]**Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

**SECTION D. Source Level Plan Approval Requirements**

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.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

For each tank associated with this source, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval 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/ or 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 Plan Approval Requirements**

Source ID: 112

Source Name: ROAD TAR PRODUCT STORAGE VESSELS

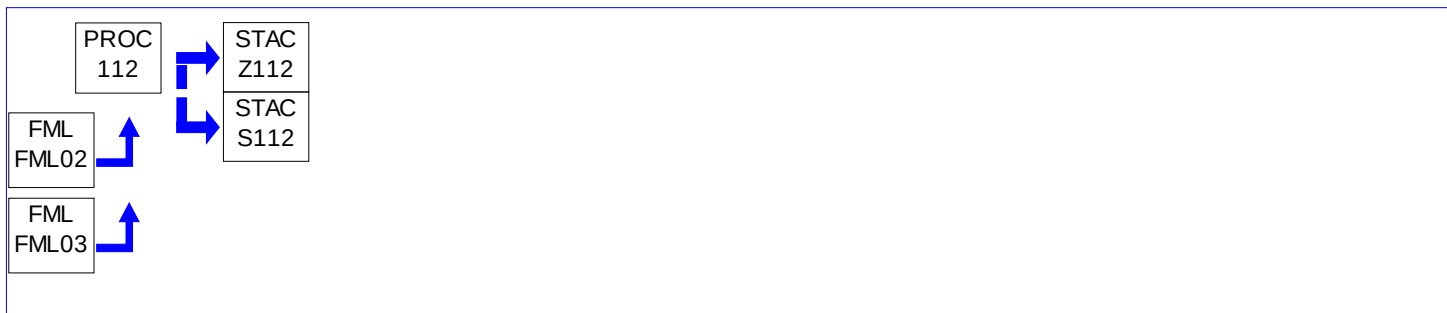
Source Capacity/Throughput:

3,203.880 CF/HR

Natural Gas

20.440 Gal/HR

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 SO₂, in the effluent gas exceeds 500 ppmvd.

Fuel Restriction(s).

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The burners associated with the storage tanks 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 plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval 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 raw material purchases and product distribution.
- (c) The vapor pressure.

IV. RECORDKEEPING REQUIREMENTS.

005 [25 Pa. Code §127.12b]

Plan approval 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.

**SECTION D. Source Level Plan Approval Requirements**

(c) The vapor pressure.

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank associated with this source.

007 [25 Pa. Code §127.12b]**Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval 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.

009 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

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

010 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

For each tank associated with this source, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 011 [25 Pa. Code §127.12b]****Plan approval 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

012 [25 Pa. Code §127.12b]**Plan approval 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

**SECTION D. Source Level Plan Approval Requirements**

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
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
017A	3,000	Heat transfer oil	
P11	10,000	Asphalt cutback	0.0193

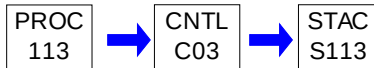
This group also includes the V-1 100/200 Vent Receiver.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 113

Source Name: UPPER RECEIVERS WITH SCRUBBER

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval 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 throughput of the material as determined from raw material purchases.
- (c) The vapor pressure.

[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 §127.12b]****Plan approval 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 §127.12b]**Plan approval terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank associated with this source.

004 [25 Pa. Code §127.12b]**Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

For each tank associated with this source, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval 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

008 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

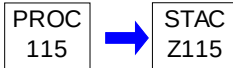
The upper receivers vent VOC emissions to an odor control device - the AlliedSignal Biological Treatment (BAT) System. The system combines a venturi scrubber with biological treatment to consume and remove organic contaminants. The odor control device was voluntarily installed and not as a result of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

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 115

Source Name: LOWER RECEIVERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.12b]****Plan approval 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 throughput of the material as determined from raw material purchases.
- (c) The vapor pressure.

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 §127.12b]****Plan approval 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 §127.12b]**Plan approval terms and conditions.**

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each tank associated with this source.

004 [25 Pa. Code §127.12b]**Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

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

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

For each tank associated with this source, the permittee shall operate and maintain the tank in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval 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
R-5 (Lower)	20,000	Coal tar distillate	0.49
R-6 (Lower)	20,000	Coal tar distillate	0.49

**SECTION D. Source Level Plan Approval Requirements**

Source ID: 125

Source Name: STILL #18

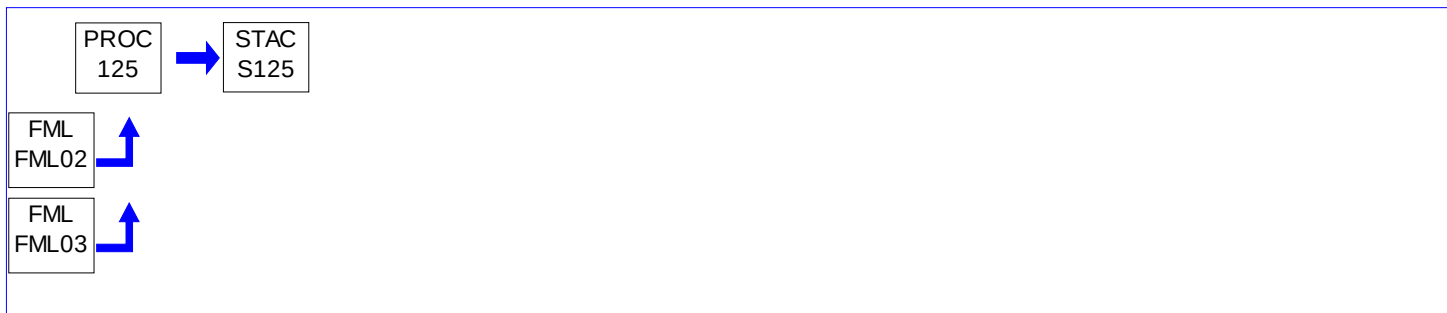
Source Capacity/Throughput:

4,077.000 CF/HR

Natural Gas

30.660 Gal/HR

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 SO₂, in the effluent gas exceeds 500 ppmvd.

Fuel Restriction(s).

003 [25 Pa. Code §127.12b]

Plan approval 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 plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

No additional work practice requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VII. ADDITIONAL REQUIREMENTS.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a). The 12,000-gallon capacity still is manufactured by Pearson Heating Systems, or equivalent.
- (b). The two (2) fire tube burners, rated at 2.1 MMBTU/hr each, are manufactured by Power Flame Inc., Model CR2-OO-20B, or equivalent. The burners can operate on either natural gas or No. 2 Fuel Oil.



SECTION E. Source Group Plan Approval Restrictions.

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description			
033	MISC COMBUSTION SOURCES			
Emission Limit		Pollutant		
1.000	Lbs/MMBTU	SOX		
110	CRUDE STORAGE TANKS			
Emission Limit		Pollutant		
0.040	gr/DRY FT3	dry, standard conditions	PM_FILT	
500.000	PPMV	dry, standard conditions	SOX	
112	ROAD TAR PRODUCT STORAGE VESSELS			
Emission Limit		Pollutant		
0.040	gr/DRY FT3	dry, standard conditions	PM_FILT	
500.000	PPMV	dry, standard conditions	SOX	
125	STILL #18			
Emission Limit		Pollutant		
500.000	PPMV	dry, standard conditions	SOX	
0.040	gr/DRY FT3	dry, standard conditions	TSP	

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION H. Miscellaneous.



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