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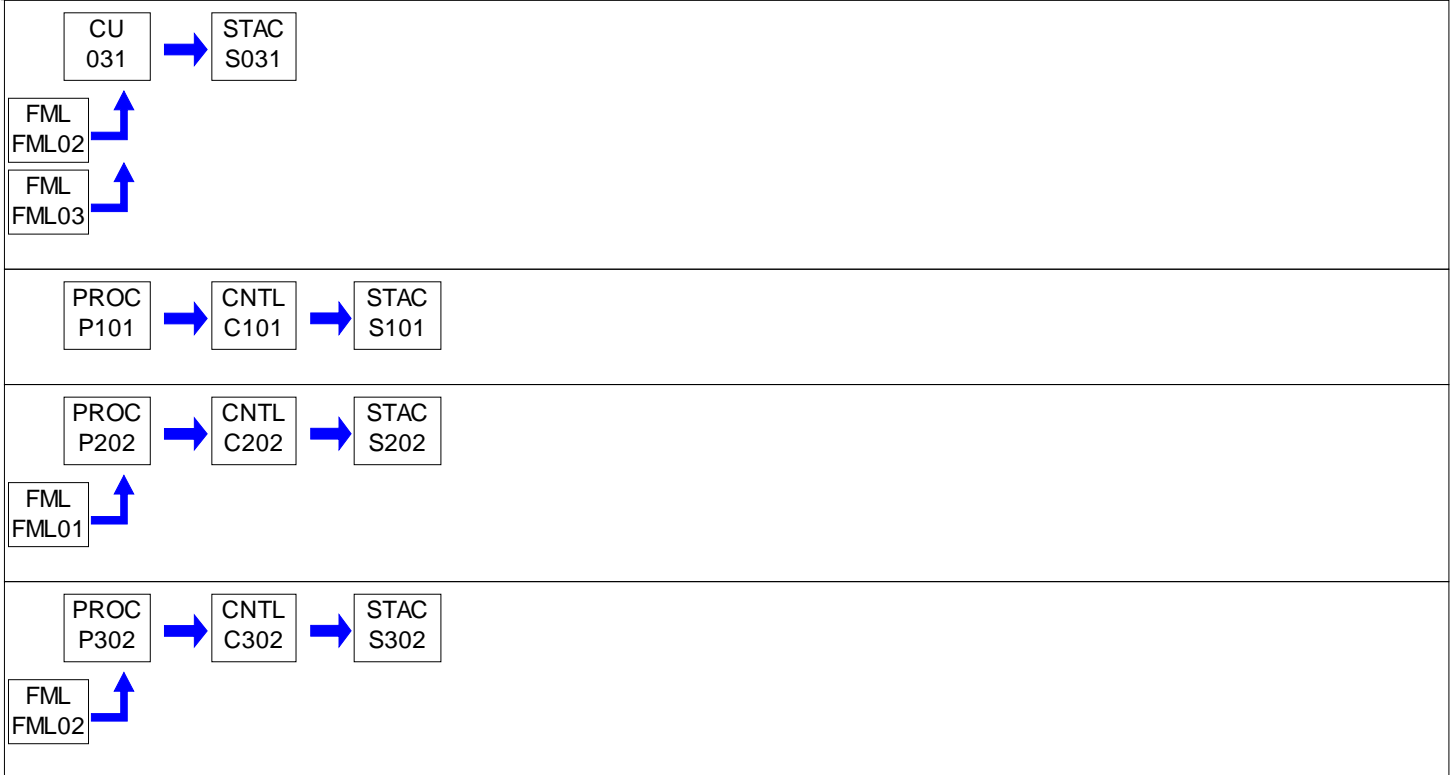
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
031	COMBUSTION UNITS < 2.5 MMBTU/HR		
P101	SURFACE COATING OPERATION		
P202	432 BHP CATERPILLAR DIESEL-FIRED ENGINE		
P302	432 BHP CATERPILLAR DIESEL-FIRED ENGINE		
C101	FILTER PANELS		
C202	OXIDATION CATALYST		
C302	OXIDATION CATALYST		
FML01	1000 GALLON DIESEL-FUEL TANK		
FML02	12,000 GALLON PROPANE TANK		
FML03	WOOD		
S031	STACK		
S101	SPRAY BOOTH STACK		
S202	STACK		
S302	STACK		

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.

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(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.
- (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:

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- (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.

(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:

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(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.

#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_x from a single source during the term of the permit and 5 tons of NO_x 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 PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ 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:

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- (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.
 - (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)

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(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 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

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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.

(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.

**SECTION B. General State Only Requirements****#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 §123.1]****Prohibition of certain fugitive emissions**

The permittee shall not permit the emission into the outdoor atmosphere of fugitive air contaminants from a source other than the following:

- (1) Construction or demolition of buildings or structures,
- (2) Grading, paving and maintenance of roads and streets,
- (3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets,
- (4) Clearing of land,
- (5) Stockpiling of materials,
- (6) Open burning operations.
- (7) Blasting in open pit mines. Emissions from drilling are not considered emission from blasting.
- (8) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (a) The emissions are of minor significance with respect to causing air pollution,
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [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 Condition #001(1)-(8) above, if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

The permittee shall not permit the emission of visible air contaminants into the outdoor atmosphere in such a manner that the opacity of the emission is either of the following:

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

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa. Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations,
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions,
- (3) The emission results from sources specified in 25 Pa. Code Section 123.1(a)(1)-(9).

SECTION C. Site Level Requirements**II. TESTING REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy and one hard copy shall be sent to the Northcentral Regional Office Air Quality Program Manager and one hard copy and one electronic copy shall be sent to the PSIMS Administrator in Central Office. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) If applicable, pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3), one electronic copy and one hard copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified by postmark. In addition, one electronic copy and one hard copy shall be sent to the PSIMS Administrator in Central Office. Mail and email addresses are provided on the PA DEP website.

(h) The permittee shall insure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

006 [25 Pa. Code §139.1]**Sampling facilities.**

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on a source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

007 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at



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maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue,
- (2) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature, and other conditions, which may effect emissions from the process,
- (3) The location of sampling ports,
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures,
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met,
- (6) Laboratory procedures and results,
- (7) Calculated results.

III. MONITORING REQUIREMENTS.

008 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.

009 [25 Pa. Code §135.5]

Recordkeeping

(a) The permittee shall maintain such records, including computerized records, as may be necessary to comply with 25 Pa. Code Section 135.3. These may include records of production, fuel usage, equipment maintenance or other information determined by the Department to be necessary for the identification and quantification of air contaminant emissions.

(b) All such records generated pursuant to this condition shall be retained for at least five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

010 [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,
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.

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

The permittee shall submit all requested reports in accordance with the Department's suggested format.

012 [25 Pa. Code §135.3]**Reporting**

(a) A person who owns or operates a source to which 25 Pa. Code Chapter 135 applies, and who has previously been advised by the Department to submit an annual Air Information Management Systems (AIMS) report, shall submit by March 1 of each year an AIMS report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

(b) A person who receives initial notification by the Department that an annual AIMS report is necessary, shall submit an initial annual AIMS report within 60 days after receiving the notification or by March 1 of the year following the year for which the report is required, whichever is later.

(c) A source owner or operator may request an extension of time from the Department for the filing of an annual AIMS report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.**# 013 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions to prevent particulate matter from becoming airborne as specified in 25 Pa. Code Section 123.1 subsection(s) (a)(1)-(7) or (a)(9). These actions shall include, but not be limited to, the following:

SECTION C. Site Level Requirements

- (1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land,
- (2) Application of asphalt, oil, or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts,
- (3) Paving and maintenance of roadways,
- (4) 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 other means.

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §121.7]**Prohibition of air pollution.**

The permittee shall not permit air pollution as that term is defined in the Pennsylvania Air Pollution Control Act (35 P.S. Sections 4001-4015).

015 [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 a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

016 [25 Pa. Code §129.14]**Open burning operations**

The permittee shall not permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

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.

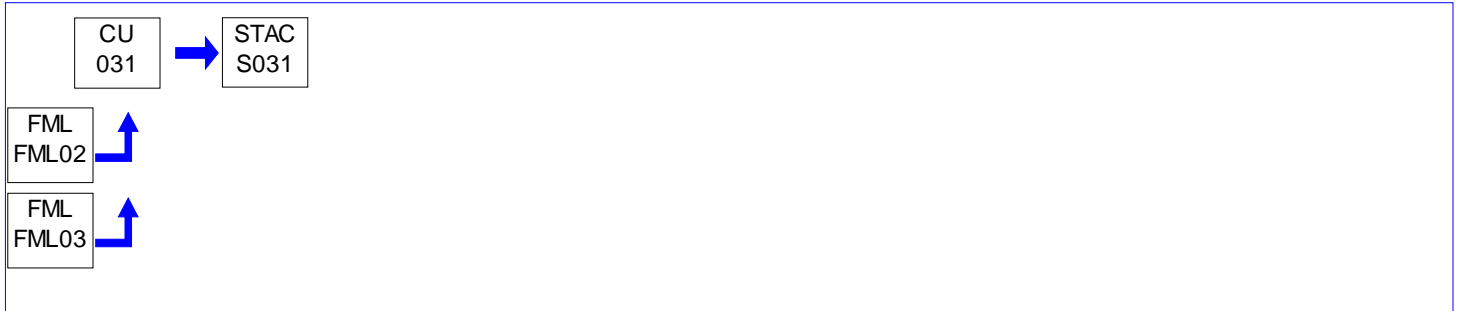
No compliance milestones exist.

**SECTION D. Source Level Requirements**

Source ID: 031

Source Name: COMBUSTION UNITS < 2.5 MMBTU/HR

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.22]

Combustion units

The permittee shall not permit the emission of sulfur oxides, expressed as sulfur dioxide (SO₂), into the outdoor atmosphere from each combustion unit incorporated in Source ID 031 in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

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.

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.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Source ID 031 consists of the following combustion units:

(1) 0.299 million Btu per hour propane-fired Burnham model P210AWPM furnace

SECTION D. Source Level Requirements

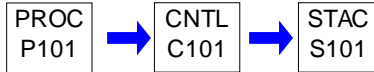
- (2) 0.50 million Btu per hour wood-fired outdoor Central Boiler model CL6048 furnace
- (3) two facility-built wood-fired furnaces each rated at 0.216 million Btu per hour
- (4) 0.015 MMBtu/hr propane-fired Pro-Com model ML150TPA heater
- (5) 0.035 million Btu per hour propane-fired Empire model DV-35-2SG heater
- (6) 0.036 million Btu per hour propane-fired American Water Heater Co. model FG6140S43PV water heater.

**SECTION D. Source Level Requirements**

Source ID: P101

Source Name: SURFACE COATING OPERATION

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

{Compliance with this permit condition assures compliance with the requirements of 25 Pa. Code Section 123.13}

The concentration of particulate matter in the exhaust of Control Device ID C101 associated with Source ID P101 shall not exceed 0.01 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined volatile organic compound emissions from Source ID P101 shall not exceed 15.79 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined volatile hazardous air pollutant emissions from Source ID P101 shall not exceed 2.36 tons in any 12 consecutive month period.

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The total combined acetone emissions from Source ID P101 shall not exceed 4.94 tons in any 12 consecutive month period.

Throughput Restriction(s).**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall not utilize more than 9,975 gallons of coatings, as-received from the coating vendor or supplier, in Source ID P101 in any 12 consecutive month period, none of which shall have a volatile organic compound content in excess of 3.36 pounds per gallon, as received from the coating vendor or supplier, or a volatile hazardous air pollutant content in excess of 0.98 pounds per gallon, as received from the coating vendor or supplier.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

No more than 1,500 gallons of acetone shall be used in Source ID P101 in any 12 consecutive month period.

**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.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall equip Control Device ID C101 with instrumentation to monitor the differential pressure across the filter panels on a continuous basis.

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 129.52]

(a) The permittee shall maintain accurate, comprehensive records of all volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials used in, or in association with, Source ID P101. The respective records shall include the following:

(1) The identity and amount (in gallons) of each volatile organic compound-containing material, volatile hazardous air pollutant-containing material and acetone-containing material used each day.

(2) The volatile organic compound content, volatile hazardous air pollutant content and acetone content of each material used, as-received from the vendor or supplier, expressed as pounds per gallon.

(3) The solids content of each material used, as-received from the vendor or supplier, expressed as volume %.

(4) The component mix ratio for each batch of coating used to which an additive (thinner, and the like) is added or which is mixed from multiple components.

(5) The amount of volatile organic compounds, the amount of volatile hazardous air pollutants and the amount of acetone emitted from Source ID P101 each month.

(b) All records generated pursuant to this condition shall be retained for a minimum of five years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall submit annual reports to the Department for Source ID P101 which include:

(1) The identity and amount (in gallons) of each volatile organic compound-containing material, volatile hazardous air pollutant-containing material and acetone-containing material used each day.

(2) The volatile organic compound content, volatile hazardous air pollutant content and acetone content of each material used, as-received from the vendor or supplier, expressed as pounds per gallon.

(3) The solids content of each material used, as-received from the vendor or supplier, expressed as volume %.

(4) The component mix ratio for each batch of coating used to which an additive (thinner, and the like) was added or which was mixed from multiple components.

**SECTION D. Source Level Requirements**

(5) The amount of volatile organic compounds, the amount of volatile hazardous air pollutants and the amount of acetone emitted from Source ID P101 each month.

(b) The annual reports shall be submitted to the Department by no later than March 1 of each year for the immediately preceding January 1 through December 31 twelve consecutive month period.

VI. WORK PRACTICE REQUIREMENTS.

010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Source ID P101 shall be equipped with a full set of filter panels whenever coating is occurring and shall only be exhausted to atmosphere through these filter panels.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

The permittee shall keep on hand spare filter panels for the immediate replacement of any filter panel in Control Device ID C101 due to deterioration from routine operation of the source and control device.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All surface coating shall take place in the spray booth incorporated in Source ID P101, the doors of which shall be closed whenever coating is occurring.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

Nothing shall be added to the coatings applied in Source ID P101 other than acetone.

VII. ADDITIONAL REQUIREMENTS.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

(a) Source ID P101 is a metal waste container (dumpster) surface coating operation incorporating a 66"-4" x 20'-0" Spray Systems, Inc. model TB751814-FDT drive through spray booth.

(b) The particulate matter emissions from Source ID P101 shall be controlled by filter panels (Control Device ID C101).

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

No volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials or acetone-containing materials shall be used for the cleanup of coating application equipment or for the preparation of the surfaces to be coated.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

SECTION D. Source Level Requirements

No coatings containing chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni) or cadmium (Cd) shall be applied in Source ID P101.

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

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All surface coating shall be performed with airless spray guns (or such alternate coating application equipment as the Department determines to have an equivalent, or better, transfer efficiency).

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Sections 127.1 and 127.12]

All containers of volatile organic compound-containing materials, volatile hazardous air pollutant-containing materials and acetone-containing materials shall be kept closed except when material is being added to or removed from the containers.

019 [25 Pa. Code §129.52]**Surface coating processes**

Source ID P101 is subject to the requirements of 25 Pa. Code Section 129.52. The permittee shall comply with all applicable requirements of 25 Pa. Code Section 129.52.

**SECTION D. Source Level Requirements**

Source ID: P202

Source Name: 432 BHP CATERPILLAR DIESEL-FIRED ENGINE

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of this engine shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the exhaust of this engine shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The permittee shall not permit the following air contaminant emissions in excess of the limitations listed below:

- (a) nitrogen oxides (NO_x, expressed as NO₂) - 6.9 grams per brake horsepower-hour,
- (b) total hydrocarbons (THC) - 1.0 grams per brake horsepower-hour, and
- (c) particulate matter (PM₁₀) - 0.4 grams per brake horsepower-hour

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

Visible emissions from diesel engine(s) stack(s) shall not exceed the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The emission limitations stated in this permit for the engines shall apply at all times except during periods of start-up and shut-down, provided, however, that the duration of start-up and shut-down do not exceed one hour per occurrence.

**SECTION D. Source Level Requirements**

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4204]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for non-emergency engines if I am an owner or operator of a stationary CI internal**

[Additional authority for this permit condition is derived from 40 CFR Part 60 Section 60.4204, and 40 CFR Section 89.112]

The permittee shall not permit the following air contaminant emissions in excess of the limitations listed below:

- (a) nitrogen oxides (NO_x, expressed as NO₂) + Non-methane hydrocarbons (NMHC) – 3.0 grams per brake horsepower-hour,
- (b) carbon monoxide (CO) - 2.61 grams per brake horsepower-hour, and
- (c) particulate matter (PM₁₀) - 0.15 grams per brake horsepower-hour

Fuel Restriction(s).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The engine shall be fired on diesel fuel only with a sulfur content that shall not exceed 0.3 percent, by weight at any time.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Additional authority for this permit condition is derived from 40 CFR Section 60.4207(b)]

[Compliance with this condition ensures compliance with the General Plan Approval and/or General Operating Permit (BAQGPA/ GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall use diesel fuel that meets the following requirements of 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted:

- (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.

Operation Hours Restriction(s).

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

This engine shall not be operated equal to or in exceedance of 4000 hours in any 12 consecutive month period.

**SECTION D. Source Level Requirements****Control Device Efficiency Restriction(s).****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

Carbon monoxide emissions from the engine shall be reduced by at least 90%.

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

(a) For every shipment of diesel fuel received by the permittee to be used as fuel in the engines, the permittee shall obtain a fuel certification report from the diesel-fuel supplier.

(1) The fuel certification report shall include:

- (i) The date of delivery,
- (ii) The name of the supplier, and
- (iii) The sulfur content, by weight, of the diesel fuel
- (iv) The cetane index or
- (v) The aromatic content, volume percent.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall maintain accurate records, which, at a minimum, shall include:

- (1) The number of hours per calendar year that the engine operated using non-resettable hour meter.
- (2) The amount of fuel used per calendar year in the engine.

(b) The permittee shall maintain records or report the following when required to perform stack testing:

- (1) Records including a description of testing methods, results, all engine operating data collected during the tests and a copy of the calculations performed to determine compliance with emission standards.
- (2) Copies of the report that demonstrates that the engines were operating at rated brake horsepower and rated speed conditions during performance testing.
- (3) Submittal of reports in accordance with the requirements and schedules outlined in this permit.

SECTION D. Source Level Requirements

(c) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P. S. §§4004), and as it may deem necessary to determine compliance with any condition contained herein.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The permittee shall notify the Department, in writing, within 24 hours of the discovery of any malfunction during a business day or by 5:00 p.m. on the first business day after a weekend or holiday of any malfunction of the diesel-fired internal combustion engine(s) which results in, or may result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Subpart C, Article III (relating to air resources).

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall submit annual reports to the Department which include:

- (1) The number of hours per calendar year that each engine or piece of equipment operated using non-resettable hour meter.
- (2) The amount of fuel used per calendar year in each engine or piece of equipment.
- (3) The information from the fuel certification reports.

(b) The annual reports shall be submitted to the Department by no later than March 1 of each year for the immediately preceding January 1 through December 31 twelve consecutive month period.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The diesel-fired internal combustion engine(s) shall be:

- (a) operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code §121.1;
- (b) operated and maintained in a manner consistent with good operating and maintenance practices; and
- (c) operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this permit.

**SECTION D. Source Level Requirements****# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall not operate this engine without the simultaneous operation of the associated control device.

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate and maintain the stationary CI ICE that achieve the emission standards as required in §§60.4204 over the entire life of the engine.

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

(a) The permittee shall comply with the emission standards specified in Subpart IIII, you must do all of the following:

(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

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

Source ID P202 is a 2008 manufactured Caterpillar model C-12 rated at 432 brake-horsepower.

Control Device ID C202 is a Harco Manufacturing supplied EnviCat-2307-14.5x3.5x1 oxidation catalyst.

020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

This source is subject to Subpart IIII of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Sections 60.4200 - 60.4219. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart IIII.

021 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What parts of the General Provisions apply to me?**

The permittee shall comply with the applicable General Provisions in §§60.1 through 60.19 as identified in Table 8 to Subpart IIII.

022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

This source is subject to the requirements of Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Sections 63.6580 - 63.6675. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ.

**SECTION D. Source Level Requirements**

Source ID: P302

Source Name: 432 BHP CATERPILLAR DIESEL-FIRED ENGINE

Source Capacity/Throughput:

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

The concentration of particulate matter in the exhaust of this engine shall not exceed 0.04 grains per dry standard cubic foot of effluent gas volume.

002 [25 Pa. Code §123.21]**General**

The concentration of sulfur oxides, expressed as sulfur dioxide (SO₂), in the exhaust of this engine shall not exceed 500 parts per million, by volume, dry basis.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The permittee shall not permit the following air contaminant emissions in excess of the limitations listed below:

- (a) nitrogen oxides (NO_x, expressed as NO₂) - 6.9 grams per brake horsepower-hour,
- (b) total hydrocarbons (THC) - 1.0 grams per brake horsepower-hour, and
- (c) particulate matter (PM₁₀) - 0.4 grams per brake horsepower-hour

004 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

Visible emissions from diesel engine(s) stack(s) shall not exceed the following limitations:

- (a) Equal to or greater than 10% for a period or periods aggregating more than three (3) minutes in any one (1) hour; and
- (b) Equal to or greater than 30% at any time.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The emission limitations stated in this permit for the engines shall apply at all times except during periods of start-up and shut-down, provided, however, that the duration of start-up and shut-down do not exceed one hour per occurrence.

**SECTION D. Source Level Requirements**

**# 006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4204]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for non-emergency engines if I am an owner or operator of a stationary CI internal**

[Additional authority for this permit condition is derived from 40 CFR Part 60 Section 60.4204, and 40 CFR Section 89.112]

The permittee shall not permit the following air contaminant emissions in excess of the limitations listed below:

- (a) nitrogen oxides (NO_x, expressed as NO₂) + Non-methane hydrocarbons (NMHC) – 3.0 grams per brake horsepower-hour,
- (b) carbon monoxide (CO) - 2.61 grams per brake horsepower-hour, and
- (c) particulate matter (PM₁₀) - 0.15 grams per brake horsepower-hour

Fuel Restriction(s).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The engine shall be fired on diesel fuel only with a sulfur content that shall not exceed 0.3 percent, by weight at any time.

008 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]

**Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Additional authority for this permit condition is derived from 40 CFR Section 60.4207(b)]

[Compliance with this condition ensures compliance with the General Plan Approval and/or General Operating Permit (BAQGPA/ GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall use diesel fuel that meets the following requirements of 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted:

- (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.

Operation Hours Restriction(s).

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

This engine shall not be operated equal to or in exceedance of 4000 hours in any 12 consecutive month period.

**SECTION D. Source Level Requirements****Control Device Efficiency Restriction(s).****# 010 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

Carbon monoxide emissions from the engine shall be reduced by at least 90%.

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

(a) For every shipment of diesel fuel received by the permittee to be used as fuel in the engines, the permittee shall obtain a fuel certification report from the diesel-fuel supplier.

(1) The fuel certification report shall include:

- (i) The date of delivery,
- (ii) The name of the supplier, and
- (iii) The sulfur content, by weight, of the diesel fuel
- (iv) The cetane index or
- (v) The aromatic content, volume percent.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall maintain accurate records, which, at a minimum, shall include:

- (1) The number of hours per calendar year that the engine operated using non-resettable hour meter.
- (2) The amount of fuel used per calendar year in the engine.

(b) The permittee shall maintain records or report the following when required to perform stack testing:

- (1) Records including a description of testing methods, results, all engine operating data collected during the tests and a copy of the calculations performed to determine compliance with emission standards.
- (2) Copies of the report that demonstrates that the engines were operating at rated brake horsepower and rated speed conditions during performance testing.
- (3) Submittal of reports in accordance with the requirements and schedules outlined in this permit.

SECTION D. Source Level Requirements

(c) These records shall be retained for a minimum of five (5) years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition as it may reasonably prescribe pursuant to the provisions of Section 4 of the Pennsylvania Air Pollution Control Act (35 P. S. §§4004), and as it may deem necessary to determine compliance with any condition contained herein.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The permittee shall notify the Department, in writing, within 24 hours of the discovery of any malfunction during a business day or by 5:00 p.m. on the first business day after a weekend or holiday of any malfunction of the diesel-fired internal combustion engine(s) which results in, or may result in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code, Subpart C, Article III (relating to air resources).

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

(a) The permittee shall submit annual reports to the Department which include:

- (1) The number of hours per calendar year that each engine or piece of equipment operated using non-resettable hour meter.
- (2) The amount of fuel used per calendar year in each engine or piece of equipment.
- (3) The information from the fuel certification reports.

(b) The annual reports shall be submitted to the Department by no later than March 1 of each year for the immediately preceding January 1 through December 31 twelve consecutive month period.

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

[Additional authority for this permit condition is derived from the General Plan Approval and/or General Operating Permit (BAQ-GPA/GP 9) for Diesel or No. 2 Fuel-fired Internal Combustion Engines]

The diesel-fired internal combustion engine(s) shall be:

- (a) operated in such a manner as not to cause air pollution, as defined in 25 Pa. Code §121.1;
- (b) operated and maintained in a manner consistent with good operating and maintenance practices; and
- (c) operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this permit.

SECTION D. Source Level Requirements**# 016 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall not operate this engine without the simultaneous operation of the associated control device.

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate and maintain the stationary CI ICE that achieve the emission standards as required in §§60.4204 over the entire life of the engine.

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

(a) The permittee shall comply with the emission standards specified in Subpart IIII, you must do all of the following:

(1) Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the requirements of 40 CFR parts 89, 94 and/or 1068, as they apply to you.

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

Source ID P302 is a 2008 manufactured Caterpillar model C-12 rated at 432 brake-horsepower.

Control Device ID C302 is a Harco Manufacturing supplied DOC-14.5x3.5x2-6 oxidation catalyst.

020 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4200]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****Am I subject to this subpart?**

This source is subject to Subpart IIII of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Sections 60.4200 - 60.4219. The permittee shall comply with all applicable requirements of 40 CFR Part 60 Subpart IIII.

021 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What parts of the General Provisions apply to me?**

The permittee shall comply with the applicable General Provisions in §§60.1 through 60.19 as identified in Table 8 to Subpart IIII.

022 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6585]**Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines****Am I subject to this subpart?**

This source is subject to the requirements of Subpart ZZZZ of the National Emission Standards for Hazardous Air Pollutants as specified in 40 CFR Sections 63.6580 - 63.6675. The permittee shall comply with all applicable requirements of 40 CFR Part 63 Subpart ZZZZ.



SECTION E. Source Group Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.

Revision No. 1 issued on July 19, 2019, was an administrative amendment which incorporated the terms and conditions from general plan approval GP9-14-00038A for the operation of Source ID P202 Caterpillar C-12 diesel engine and oxidation catalyst.

Revision No. 2 issued on February 19, 2021, was an administrative amendment which incorporated the terms and conditions from general plan approval GP9-14-00038B for the operation of Source ID P302.



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