



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY SYNTHETIC MINOR OPERATING PERMIT

Issue Date: June 4, 2021

Effective Date: August 2, 2021

Expiration Date: August 1, 2026

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 operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit 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 permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 09-00161

Synthetic Minor

Federal Tax Id - Plant Code: 22-0917100-1

Owner Information

Name: FOLEY INC
Mailing Address: 2975 GALLOWAY RD
BENSALEM, PA 19020-2327

Plant Information

Plant: FOLEY INC/BENSALEM
Location: 09 Bucks County 09004 Bensalem Township
SIC Code: 5082 Wholesale Trade - Construction And Mining Machinery

Responsible Official

Name: JON SOULIERE
Title: VP HR & FACILITIES
Phone: (732) 885 - 3129 Email: jsouliere@foleyinc.com

Permit Contact Person

Name: MICHAEL BARNASEVITCH
Title: CORPORATE RISK MGR
Phone: (215) 245 - 2885 Email: mbarnasevitch@foleyinc.com

[Signature] _____
JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



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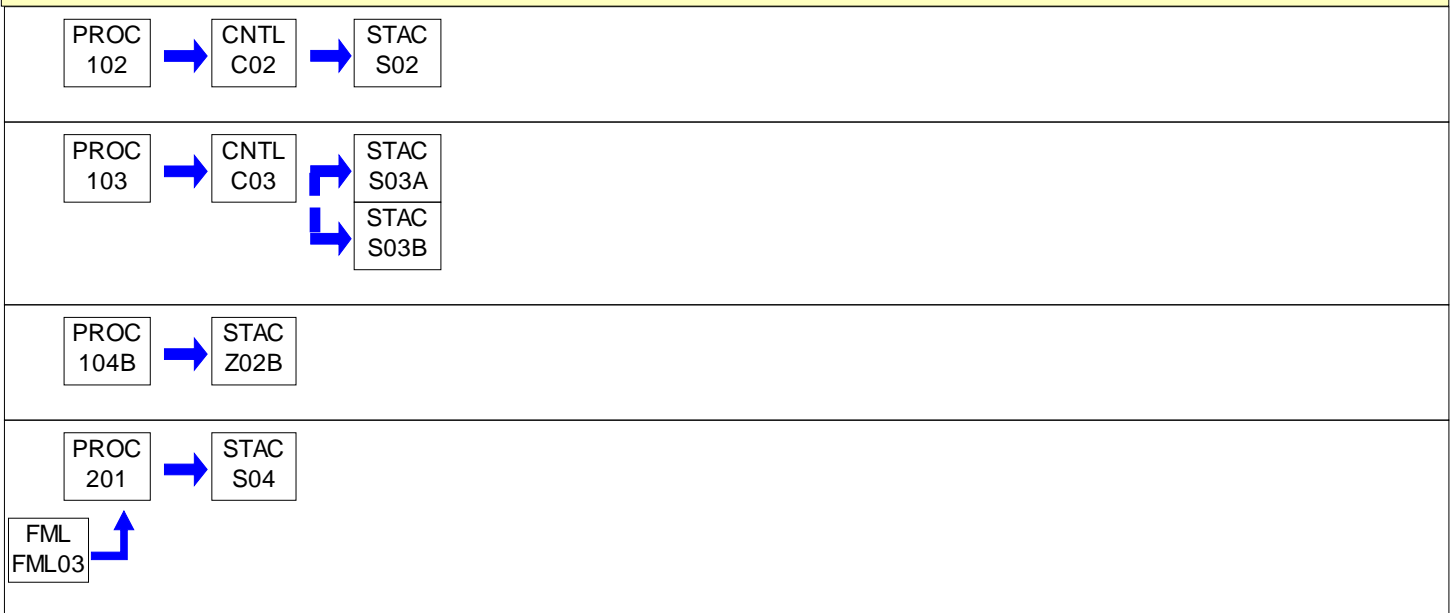
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
102	CS PAINT SPRAY BOOTH	N/A	PAINT
103	OS PAINT SHOP	N/A	PAINT
104B	COLD PARTS CLEANERS (22)	N/A	SOLVENT NAPHTHA
201	DIESEL FUEL GENERATOR SETS (2)	N/A	Diesel Fuel
C02	CS PAINT SPRAY BOOTH PANEL FILTERS		
C03	OS PAINT SHOP PANEL FILTERS		
FML03	470-GAL EXEMPT GENERATOR SETS SUB-BASE DIESEL FUEL TANKS (2)		
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S04	EXEMPT GENERATOR SETS STACKS		
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**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.

SECTION B. General State Only Requirements

(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:

**SECTION B. General State Only Requirements**

(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 §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. Section 4003).

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

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

- (a) construction or demolition of buildings or structures;
- (b) grading, paving and maintenance of roads and streets;
- (c) use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) clearing of land;
- (e) stockpiling of materials;
- (f) open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and
- (i) sources and classes of sources other than those identified in (a)-(h), 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:
 - (1) the emissions are of minor significance with respect to causing air pollution; and
 - (2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

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

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

No person may permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

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

A person may not permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

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

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

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

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

**SECTION C. Site Level Requirements**

(c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

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

The permittee shall ensure that the total NOx emissions from the facility shall not exceed 24.9 TPY calculated as a 12-month rolling sum and the permittee shall ensure that the total VOC emissions from the facility shall not exceed 24.9 TPY calculated as a 12-month rolling sum.

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

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

- (a) a fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) a fire set for the prevention and control of disease or pests, when approved by the Department;
- (d) a fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;
- (e) a fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;
- (f) a fire set solely for recreational or ceremonial purposes; or
- (g) a fire set solely for cooking food.

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

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

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

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible air contaminant emissions may be measured using either of the following:

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

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

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

- (1) odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and

**SECTION C. Site Level Requirements**

(3) fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

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

- (1) be investigated;
- (2) be reported to the facility management, or individual(s) designated by the permittee;
- (3) have appropriate corrective action taken (for emissions that originate on-site); and
- (4) be recorded in a permanent written log.

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

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

The permittee shall monitor the total NOx and VOC emissions from the facility on a monthly basis and as a 12 month rolling sum.

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

The permittee shall maintain records of all the facility's increases of emissions from the following categories:

- (a) emissions increase of minor significance without notification to the Department.
- (b) de minimis increases with notification to the Department, via letter.
- (c) increases resulting from a Request for Determination (RFD) to the Department.
- (d) increases resulting from the issuance of a plan approval and subsequent operating permit.

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

All records, reports, and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with Condition # 020(b), Section B, of this permit, and shall be made available to the Department upon written or verbal request within a reasonable time.

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

The permittee shall calculate and maintain records of the total NOx and VOC emissions from the facility on a monthly basis and as a 12 month rolling sum.

V. REPORTING REQUIREMENTS.**# 016 [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 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

**SECTION C. Site Level Requirements**

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.

(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.

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

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 68.]

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 C.F.R. 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 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at this facility. The permittee shall submit the RMP to the EPA according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:
 - (i) Three years after the date on which a regulated substance is first listed in 40 C.F.R. § 68.130.
 - (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

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

**SECTION C. Site Level Requirements**

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

(c) As used in this condition, the term "process" shall be as defined in 40 C.F.R. § 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.

(d) If this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following:

(1) Submit a compliance schedule for satisfying the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).

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

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

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

VI. WORK PRACTICE REQUIREMENTS.**# 018 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall ensure that all source(s) and associated air pollution control device(s) listed in this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with the manufacturers' specifications.

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

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

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

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

021 [25 Pa. Code §123.1]**Prohibition of certain fugitive emissions**

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

- (a) use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land;
- (b) application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts;
- (c) paving and maintenance of roadways; and

**SECTION C. Site Level Requirements**

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

VII. ADDITIONAL REQUIREMENTS.

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

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

SECTION D. Source Level Requirements

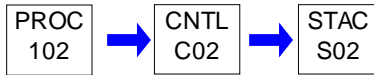
Source ID: 102

Source Name: CS PAINT SPRAY BOOTH

Source Capacity/Throughput:

N/A

PAINT

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall ensure that emission into the outdoor atmosphere of PM from this CS paint spray booth occurs in such a manner that the concentration of PM in the exhaust air does not exceed 0.04 grains per dry standard cubic foot (gr/dscf).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that emission into the outdoor atmosphere of volatile organic compounds (VOCs) from this CS paint spray booth occurs in such a manner that the rate of the emission does not exceed 1.5 tons/yr, calculated monthly as a 12-month rolling sum.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total operating time of this CS paint spray booth does not exceed 600 hrs/yr, calculated monthly as a 12-month rolling sum.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total amount of as applied coatings used in this CS paint spray booth does not exceed 0.85 gals/hr, calculated daily on an average hourly basis (i.e., the total amount of as applied coatings used in a given operating day divided by the hours of operation for the same operating day).

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this CS paint spray booth on an operating day basis:

- (a) The hours of operation.
- (b) The amount of each as supplied coating component (i.e., as supplied coating, ink, diluent, etc.) used (gallons).
- (c) The amount of each as applied coating used (gallons).
- (d) The amount of each cleanup solvent used (gallons).

006 [25 Pa. Code §127.441]

**SECTION D. Source Level Requirements****Operating permit terms and conditions.**

The permittee shall monitor the differential pressure across the panel filters (Source ID C02) associated with this CS paint spray booth on an operating day basis.

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

The permittee shall maintain records of the following operating parameters for this CS paint spray booth:

- (a) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (b) For each as supplied coating component used:
 - (1) The name and identification number.
 - (2) The amount used (gallons) on an operating day basis.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The VOC content (weight percent), obtained from one of the following:
 - (i) A certified product data sheet (CPDS).
 - (ii) A safety data sheet (SDS). If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (iii) Testing in accordance with EPA Method 24/24A, as specified in 40 C.F.R. Part 60, Appendix A.
 - (iv) An alternative method, as approved by the Department.
 - (6) The HAP content (weight percent), calculated using a Department-approved method(s).
 - (7) The solids content (weight percent and volume percent).
 - (8) The water content (weight percent).
 - (9) The exempt solvents content (weight percent).
- (c) For each as applied coating used, calculated using Department-approved methods:
 - (1) The amount used (gallons) on an average hourly and operating day basis.
 - (2) The VOC content (lbs/gal of coating).
- (d) The amount of each cleanup solvent used (gallons) on an operating day basis.
- (e) The total amount of as applied coatings used (gallons) on an average hourly, operating day, monthly, and 12-month rolling basis.
- (f) The total amount of cleanup solvents used (gallons) on a monthly and 12-month rolling basis.
- (g) The results of daily filter inspections.

SECTION D. Source Level Requirements**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the differential pressure across the filters (Source ID C02) associated with this CS paint spray booth on an operating day basis.

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

The permittee shall maintain records of the dates that the panel filters (Source ID C02) associated with this CS paint spray booth are replaced.

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

The permittee shall maintain records of the following emissions from this CS paint spray booth on a monthly and 12-month rolling basis, calculated using Department-approved methods:

- (a) The VOC emissions (pounds or tons).
- (b) The HAP emissions (pounds or tons).

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(c).]

The permittee shall ensure that the VOC content of any as applied coating used in this CS paint spray booth does not exceed 5.0 lbs VOC/gal coating (minus water and non-VOC solvents).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(e).]

The permittee shall ensure that high volume low pressure (HVLP) spraying is the only application technique used in this CS paint spray booth. Any other application technique shall be approved by the Department prior to its use.

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

The permittee shall operate and maintain a differential pressure gauge to indicate the differential pressure across the panel filters (Source ID C02) associated with this CS paint spray booth. The CS paint spray booth shall operate within the differential pressure range of 0.03 to 0.20 inches of water.

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

The permittee shall not operate this CS paint spray booth unless all exhaust air passes through the associated panel filters (Source ID C02) (i.e., there are no gaps between, holes in, or missing panel filters) before exhausting into the outdoor atmosphere.

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

The permittee shall ensure that the panel filters (Source ID C02) associated with this CS paint spray booth are inspected for gaps and/or holes at least once per operating day.

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

The permittee shall ensure that the panel filters (Source ID C02) associated with this CS paint spray booth are replaced as needed. A sufficient quantity of spare panel filters shall be kept on hand for replacement.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(g) - (h).]

(a) The permittee shall operate and maintain this CS paint spray booth in a manner consistent with good housekeeping and air pollution control practices. The practices shall include, but not be limited to, the following:

(1) Storing fresh and used coating components, coatings, and cleanup solvents in nonabsorbent, nonleaking containers. The containers shall be kept closed at all times except when filling or emptying.

(2) Storing absorbent applicators (e.g., cloth, paper) that are moistened with coating components, coatings, or cleanup solvents in closed, nonabsorbent, nonleaking containers (when not in use).

(3) Using devices, including pumps or spouts on larger containers, to minimize spills during the transfer of coating components, coatings, and cleanup solvents.

(4) Cleaning spray guns by one of the following methods:

(i) An enclosed spray gun cleaning system that is kept closed when not in use.

(ii) Unatomized discharge of solvent into a paint waste container that is kept closed when not in use.

(iii) Disassembly of the spray gun and cleaning in a vat that is kept closed when not in use.

(iv) Atomized spray into a paint waste container that is fitted with a device designed to capture atomized solvent emissions.

(b) The permittee shall ensure that all operators that apply coatings in the CS paint spray booth have completed training in the proper use and handling of coating components, coatings, cleanup solvents, and waste products to minimize air contaminant emissions, including the practices specified in (a)(1) - (4), above.

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

The permittee shall calculate the following emissions from this CS paint spray booth on a monthly and 12-month rolling basis, using Department-approved methods:

(a) The VOC emissions (pounds or tons).

(b) The HAP emissions (pounds or tons).

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

(a) This source consists of a CS paint spray booth, model no. TDB 188, manufactured by Bayco/Viking. A HVLP spray gun is used to transfer solvent-based paint onto mobile construction equipment.

(b) The exhaust air from the CS paint spray booth passes through associated fiberglass panel filters (Source ID C02) before exhausting into the outdoor atmosphere.

SECTION D. Source Level Requirements

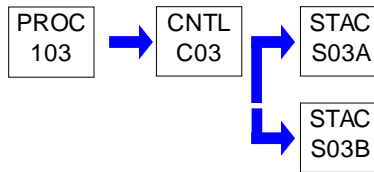
Source ID: 103

Source Name: OS PAINT SHOP

Source Capacity/Throughput:

N/A

PAINT

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

001 [25 Pa. Code §123.13]

Processes

The permittee shall ensure that emission into the outdoor atmosphere of PM from this OS paint shop occurs in such a manner that the concentration of PM in the exhaust air does not exceed 0.04 gr/dscf.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from this OS paint shop occurs in such a manner that the rate of the emission does not exceed 4.2 tons/yr, calculated monthly as a 12-month rolling sum.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total operating time of this OS paint shop does not exceed 3,000 hrs/yr, calculated monthly as a 12-month rolling sum.

Throughput Restriction(s).

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total amount of as applied coatings used in this OS paint shop does not exceed 140 gals/mo.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the following operating parameters for this OS paint shop on an operating day basis:

- (a) The hours of operation.
- (b) The amount of each as supplied coating component used (gallons).
- (c) The amount of each as applied coating used (gallons).
- (d) The amount of each cleanup solvent used (gallons).

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

The permittee shall monitor the differential pressure across the panel filters (Source ID C03) associated with this OS paint shop on an operating day basis.

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

The permittee shall maintain records of the following operating parameters for this OS paint shop:

- (a) The hours of operation, on an operating day, monthly, and 12-month rolling basis.
- (b) For each as supplied coating component used:
 - (1) The name and identification number.
 - (2) The amount used (gallons) on an operating day basis.
 - (3) The mix ratio.
 - (4) The density or specific gravity.
 - (5) The VOC content (weight percent), obtained from one of the following:
 - (i) A certified product data sheet (CPDS).
 - (ii) A safety data sheet (SDS). If the VOC content value is reported as a range, the upper bound of the range shall be considered the actual value.
 - (iii) Testing in accordance with EPA Method 24/24A, as specified in 40 C.F.R. Part 60, Appendix A.
 - (iv) An alternative method, as approved by the Department.
 - (6) The HAP content (weight percent), calculated using a Department-approved method(s).
 - (7) The solids content (weight percent and volume percent).
 - (8) The water content (weight percent).
 - (9) The exempt solvents content (weight percent).
- (c) For each as applied coating used, calculated using Department-approved methods:
 - (1) The amount used (gallons) on an operating day basis.
 - (2) The VOC content (lbs/gal of coating).
- (d) The amount of each cleanup solvent used (gallons) on an operating day basis.
- (e) The total amount of as applied coatings used (gallons) on an operating day, monthly, and 12-month rolling basis.
- (f) The total amount of cleanup solvents used (gallons) on a monthly and 12-month rolling basis.
- (g) The results of daily filter inspections.

SECTION D. Source Level Requirements**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the differential pressure across the panel filters (Source ID C03) associated with this OS paint shop on an operating day basis.

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

The permittee shall maintain records of the dates that the panel filters (Source ID C03) associated with this OS paint shop are replaced.

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

The permittee shall maintain records of the following emissions from this OS paint shop on a monthly and 12-month rolling basis, calculated using Department-approved methods:

- (a) The VOC emissions (pounds or tons).
- (b) The HAP emissions (pounds or tons).

V. REPORTING REQUIREMENTS.

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

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(c).]

The permittee shall ensure that the VOC content of any as applied coating used in this OS paint shop does not exceed 5.0 lbs VOC/gal coating (minus water and non-VOC solvents).

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(e).]

The permittee shall ensure that HVLP spraying is the only application technique used in this OS paint shop. Any other application technique shall be approved by the Department prior to its use.

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

The permittee shall operate and maintain a differential pressure gauge to indicate the differential pressure across the panel filters (Source ID C03) associated with this OS paint shop. The OS paint shop shall operate within the differential pressure range of 0.03 to 0.20 inches of water.

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

- (a) The permittee shall not operate this OS paint shop unless all exhaust air passes through the associated panel filters (Source ID C03) before exhausting into the outdoor atmosphere.
- (b) The permittee shall ensure that all garage doors are kept closed whenever coating components, coatings, or cleanup solvents are being used in the OS paint shop.

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

The permittee shall ensure that the panel filters (Source ID C03) associated with this OS paint shop are inspected for gaps

**SECTION D. Source Level Requirements**

and/or holes at least once per operating day.

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

The permittee shall ensure that the panel filters (Source ID C03) associated with this OS paint shop are replaced as needed. A sufficient quantity of spare panel filters shall be kept on hand for replacement.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.75(g) - (h).]

(a) The permittee shall operate and maintain this OS paint shop in a manner consistent with good housekeeping and air pollution control practices. The practices shall include, but not be limited to, the following:

(1) Storing fresh and used coating components, coatings, and cleanup solvents in nonabsorbent, nonleaking containers. The containers shall be kept closed at all times except when filling or emptying.

(2) Storing absorbent applicators that are moistened with coating components, coatings, or cleanup solvents in closed, nonabsorbent, nonleaking containers (when not in use).

(3) Using devices, including pumps or spouts on larger containers, to minimize spills during the transfer of coating components, coatings, and cleanup solvents.

(4) Cleaning spray guns by one of the following methods:

(i) An enclosed spray gun cleaning system that is kept closed when not in use.

(ii) Unatomized discharge of solvent into a paint waste container that is kept closed when not in use.

(iii) Disassembly of the spray gun and cleaning in a vat that is kept closed when not in use.

(iv) Atomized spray into a paint waste container that is fitted with a device designed to capture atomized solvent emissions.

(b) The permittee shall ensure that all operators that apply coatings in the OS paint shop have completed training in the proper use and handling of coating components, coatings, cleanup solvents, and waste products to minimize air contaminant emissions, including the practices specified in (a)(1) - (4), above.

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

The permittee shall calculate the following emissions from this OS paint shop on a monthly and 12-month rolling basis, using Department-approved methods:

(a) The VOC emissions (pounds or tons).

(b) The HAP emissions (pounds or tons).

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

(a) This source consists of an OS paint shop comprised of 2 opposing exhaust fans and stacks centrally located within a garage (separate from the main building). A HVLP spray gun with electric heat assist is used to transfer solvent-based paint onto construction equipment.

**SECTION D. Source Level Requirements**

(b) The exhaust air from the OS paint shop passes through associated fiberglass panel filters (Source ID C03) before exhausting into the outdoor atmosphere.

SECTION D. Source Level Requirements

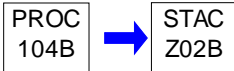
Source ID: 104B

Source Name: COLD PARTS CLEANERS (22)

Source Capacity/Throughput:

N/A

SOLVENT NAPHTHA

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

The permittee shall ensure that emission into the outdoor atmosphere of VOCs from these cold parts cleaners occurs in such a manner that the rate of the emission does not exceed 12 tons/yr, calculated monthly as a 12-month rolling sum.

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

The permittee shall monitor the following operating parameters for these cold parts cleaners on a monthly and 12-month rolling basis:

- (a) The amount of solvent added.
- (b) The amount of solvent recycled.

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

The permittee shall maintain records of the following operating parameters for these cold parts cleaners on a monthly and 12-month rolling basis:

- (a) The amount of solvent added.
- (b) The amount of solvent recycled.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(5) - (6).]

- (a) The permittee shall maintain records of the following information for the solvent used in these cold parts cleaners:
 - (1) The type of solvent used, including the product or vendor identification number.
 - (2) The name and address of the solvent supplier.
 - (3) The vapor pressure of the solvent (mm Hg, at 20 °C [68 °F]).
- (b) The permittee may use invoices, bills of sale, certificates that correspond to the number of sales, CPDSs, SDSs, or other appropriate documentation acceptable to the Department to demonstrate compliance with (a)(1) - (3), above.

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

The permittee shall maintain records of the VOC emissions from these cold parts cleaners on a monthly and 12-month rolling basis, calculated using a Department-approved method.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(4)&(7)(iii).]

a) The permittee shall not use any solvent with a vapor pressure of 1.0 millimeter of mercury (mmHg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

b) part a) does not apply to immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(2)(ii).]

The permittee shall ensure that each of these cold parts cleaners is equipped with a cover that remains closed at all times except during cleaning of parts or the addition or removal of solvent. For the remote reservoir type of the parts cleaners, as indicated in Condition # 013, Section D (under Source ID 104B), of this permit, a perforated drain with a diameter that does not exceed 6 inches shall constitute an acceptable cover.

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

The permittee shall ensure that all solvent used in each of the remote reservoir type of these cold parts cleaners, as indicated in Condition # 013, Section D (under Source ID 104B), of this permit, immediately drains into the respective solvent storage reservoirs.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(1).]

The permittee shall ensure that the freeboard ratio of each of the immersion type of these cold parts cleaners, as indicated in Condition # 013, Section D (under Source ID 104B), of this permit, is equal to or greater than 0.5.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(3)(i) - (v).]

The permittee shall ensure that each of these cold parts cleaners is operated in accordance with the following procedures:

(a) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(b) Flushing of parts using a flexible hose or other flushing device shall be performed only within the parts cleaners. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(c) Sponges, fabric, wood, leather, paper products, and other absorbent materials may not be cleaned in the parts

SECTION D. Source Level Requirements

cleaners.

(d) Air-agitated solvent baths may not be used.

(e) Spills during solvent transfer and use of the parts cleaners shall be cleaned up immediately.

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

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.63(a)(2)(i)(A) - (C).]

The permittee shall ensure that each of these cold parts cleaners has a permanent, conspicuous label summarizing the operating requirements indicated in Condition # 010(a) - (e), Section D (under Source ID 104B), of this permit. In addition, the label shall include the following discretionary good operating practices:

(a) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while draining. During the draining, tipping, or rotating, the parts should be positioned so that solvent drains directly back to the parts cleaners.

(b) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

(c) Work area fans should be located and positioned so that they do not blow across the openings of the parts cleaners.

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

The permittee shall calculate the VOC emissions from these cold parts cleaners on a monthly and 12-month rolling basis, using a Department-approved method.

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

This source grouping consists of 22 cold parts cleaners, as follows:

Manufacturer	Model No./Name	Capacity	Type	Quantity
Fountain Industries Co.	FB36	36 gal	Immersion	3
Heritage-Crystal Clean, Inc.	20	17 gal	Immersion	1
Heritage-Crystal Clean, Inc.	60041R	145 gal	Immersion	1
Safety-Kleen Systems, Inc.	34.1	26 gal	Remote Reservoir	1
Safety-Kleen Systems, Inc.	44	34 gal	Immersion	1
Safety-Kleen Systems, Inc.	81	72 gal	Immersion	1
Zep Manufacturing Co.	Dyna Brute	26 gal	Immersion	1
Zep Manufacturing Co.	Dyna Clean	17 gal	Remote Reservoir	12
Safety Kleen Systems	30	17 gal	Remote Reservoir	1

SECTION D. Source Level Requirements

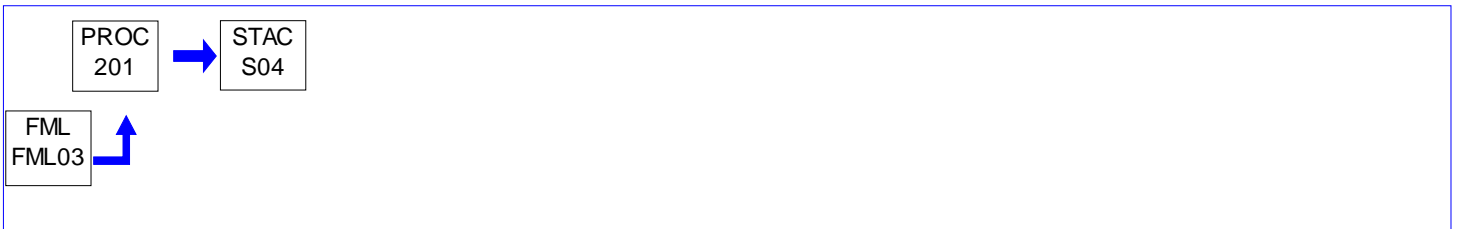
Source ID: 201

Source Name: DIESEL FUEL GENERATOR SETS (2)

Source Capacity/Throughput:

N/A

Diesel Fuel

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

The permittee shall ensure that emission into the outdoor atmosphere of PM from each of these exempt generator sets occurs in such a manner that the concentration of PM in the exhaust gas does not exceed 0.04 gr/dscf.

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.

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

The permittee shall ensure that emission into the outdoor atmosphere of NO_x from the diesel fuel-fired emergency generator engines (2) occurs in such a manner that the rates of the emission are less than 100 lbs/hr, 1,000 lbs/day, 2.75 tons per ozone season (i.e., the period from May 1 - September 30 of each year), and 6.6 tons/yr, calculated on a monthly basis and as a 12-month rolling sum.

Fuel Restriction(s).**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart IIII - 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 this subpart?**

(a) Pursuant to the provision of 40 CFR 60.4207(b), owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

(b) Pursuant to the provisions of §40 CFR 1090.305, diesel fuel is subject to the following ULSD per-gallon standards:

(1) Sulfur content:15 ppm maximum.

[Compliance with this more stringent restriction also assuree compliance with 25 PA Code § 123.21(b).]

(2) Cetane index or aromatic content:

(i) A minimum cetane index of 40; or

(ii) A maximum aromatic content of 35 volume percent.

Operation Hours Restriction(s).**# 005 [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**

**SECTION D. Source Level Requirements****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to the provisions of §40 CFR 60.421 1(f), the owner or operator of an emergency stationary ICE, must operate the emergency stationary ICE according to the requirements in paragraphs (1) through (2)(i) and (3). In order for the engine to be considered an emergency stationary ICE under the Subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (1) through (3), is prohibited. If you do not operate the engine according to the requirements in paragraphs (1) through (3), the engine will not be considered an emergency engine under the Subpart and must meet all requirements for non-emergency engines.

(1) There is no time limit on the use of emergency stationary ICE in emergency situations.

(2) You may operate your emergency stationary ICE for the purposes specified in paragraph (i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (3) counts as part of the 100 hours per calendar year allowed by paragraph (2).

(i) Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.

(3) Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (2). Except as provided in paragraph (i), the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(i) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(A) The engine is dispatched by the local balancing authority or local transmission and distribution system operator;

(B) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(C) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(D) The power is provided only to the facility itself or to support the local transmission and distribution system.

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

II. TESTING REQUIREMENTS.**# 006 [25 Pa. Code §139.16]****Sulfur in fuel oil.**

(a) The following are applicable to tests for the analysis of commercial fuel oil:

(1) The fuel oil sample for chemical analysis shall be collected in a manner that provides a representative sample. Upon the request of a Department official, the person responsible for the operation of the source shall collect the sample employing the procedures and equipment specified in 25 Pa. Code § 139.4(10) (relating to references).

SECTION D. Source Level Requirements

(2) Test methods and procedures for the determination of sulfur shall be those specified in 25 Pa. Code § 139.4(12) - (15).

(b) The testing requirements in (a), above, shall be waived in the event that a delivery receipt from the supplier, showing the percentage sulfur in the fuel, is obtained each time a fuel oil delivery is made.

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

The permittee shall monitor the NOx emissions from the diesel fuel-fired emergency generator engines (2) (Source ID: 201) on a monthly basis, ozone season, and as a 12-month rolling sum, using a Department-approved method(s).

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

The permittee shall monitor the following operating parameters for each of the diesel fuel-fired emergency generators (Source ID: 201):

- (a) The hours of operation, on an operating day basis.
- (b) The amount of diesel fuel consumed on a monthly basis.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4209]**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are the monitoring requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to the provisions for 40 CFR 60.4209(a), the owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines, must install a non-resettable hour meter prior to startup of the engine.

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

The permittee shall maintain records of the following operating parameters for each of the diesel fuel-fired emergency generators (Source ID: 201):

- (a) The hours of operation, on an operating day basis.
- (b) The amount of diesel fuel consumed on a monthly basis.

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

The permittee shall maintain records of the corresponding laboratory analysis or fuel supplier's certification for each shipment of diesel fuel received for the diesel fuel-fired emergency generators (Source ID: 201).

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

The permittee shall calculate and maintain records of the NOx emissions from the diesel fuel-fired emergency generator engines (2) (Source ID: 201) on a monthly basis, ozone season, and as a 12-month rolling sum, using a Department-approved method(s).

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

Records of the fuel supplier receipts, indicating the sulfur content and the cetane index or aromatic content limit meets the requirements of 40 C.F.R. 80.510(b).

SECTION D. Source Level Requirements**V. REPORTING REQUIREMENTS.****# 014 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary CI internal combustion engine?**

Pursuant to the provisions of 40 C.F.R. §60.4214(d) operators of an emergency stationary compression ignition (CI) internal combustion engine (ICE) with a maximum engine power more than 100 HP that operates or that operates for the purposes specified in 40 C.F.R. §60.4211(f)(3)(i) (this is condition #005 of this permit), you must submit an annual report according to the requirements in paragraphs (d)(1) through (3) of 40 C.F.R. §60.4214.

(1) The report must contain the following information:

(i) Company name and address where the engine is located.

(ii) Date of the report and beginning and ending dates of the reporting period.

(iii) Engine site rating and model year.

(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.

(v) This subsection has been vacated by court order.

(vi) Number of hours the engine is contractually obligated to be available for the purposes specified in 40 C.F.R. §60.4211(f)(2)(ii) and (iii).

(vii) Hours spent for operation for the purposes specified in 40 C.F.R. §60.4211(f)(3)(i), including the date, start time, and end time for engine operation for the purposes specified in 40 C.F.R. §60.4211(f)(3)(i). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 C.F.R. §60.4.

VI. WORK PRACTICE REQUIREMENTS.**# 015 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4202]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for emergency engines if I am a stationary CI internal combustion engine manufacturer?**

Pursuant to the provisions of § CFR 60.4202(a)(2) owners or operators of stationary compression-ignited (CI) internal combustion engine (ICE) must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW (50 HP) and less than or equal to 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the certification emission standards for new nonroad CI engines for engines of the same model year and maximum engine power in §40 CFR 89.112 (Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emission standards) for all pollutants. These exhaust emissions standards are given in condition #016 of this permit.

**# 016 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4202]
Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for emergency engines if I am a stationary CI internal combustion engine manufacturer?**

SECTION D. Source Level Requirements

Pursuant to the provisions of §40 CFR 89.112, exhaust emission from nonroad engines to which this subpart is applicable shall not exceed the applicable exhaust emission standards contained in the table as follows:

Rated Power (kw)	Tier	Emissions Standards (g/kW-hr)			
		Model Year Standard takes Effect	NMHC + NOx	CO	PM
225<kw<560	Tier 3	2006	4.0	3.5	0.20

[Compliance with this condition is demonstrated purchasing an engine certified to the emission standards above, for the same engine class and maximum engine power].

017 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211] Subpart III - 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?

Pursuant to the provisions of §40 CFR 60.4211(g), If the owner or operator does not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, you must demonstrate compliance as follows:

- (1) The owner or operator of a stationary CI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within one (1) year of startup, or within one (1) year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one (1) year after you change emission-related settings in a way that is not permitted by the manufacturer.
- (2) The owner or operator of a stationary CI internal combustion engine greater than 500 HP, must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test to demonstrate compliance with the applicable emission standards within one (1) year of startup, or within 1 year after an engine and control device is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within one (1) year after you change emission-related settings in a way that is not permitted by the manufacturer. You must conduct subsequent performance testing every 8,760 hours of engine operation or three (3) years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards.

018 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211] Subpart III - 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?

Pursuant to the provisions of 40 C.F.R. §60.4211(a), the owner or operator must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of 40 C.F.R. § 60.4211:

- (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 C.F.R. 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.

This source group (Source ID: 201) consists of two (2) diesel fuel-fired generators manufactured by Caterpillar, Inc., as

SECTION D. Source Level Requirements

follows:

(a) A generator set, model no. XQ400, comprised of the following equipment:

(1) A 6-cylinder, diesel fuel-fired engine, model no. C15 DITA ATAAC. The engine is rated at 619 bhp (462 kW) power output and has a displacement of 2.53 L per cylinder.

(i) 462 kW shall be used in condition #015 to determine emission standards.

(2) An electric generator, model no. SR4B, rated at 400 ekW power output.

(b) A generator set, model no. XQ300, comprised of the following equipment:

(1) A 6-cylinder, diesel fuel-fired engine, model no. C9 DITA ATAAC. The engine is rated at 480 bhp (358 kW) power output and has a displacement of 1.47 L per cylinder.

(i) 358 kW shall be used in condition #015 to determine emission standards.

(2) An electric generator, model no. SR4B, rated at 300 ekW power output.

**# 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?**

(a) The previously exempted diesel fuel fired generators (2) (Source ID: 201) are subject to the provisions of 40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Internal Combustion Engines.

(b) Pursuant to this Subpart, these units are classified as "new sources" located at an area source of hazardous air pollutant (HAP) emissions.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION F. Emission Restriction Summary.

Source Id	Source Descriptor		
102	CS PAINT SPRAY BOOTH		
Emission Limit			
0.040	gr/DRY FT3		TSP
1.500	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
103	OS PAINT SHOP		
Emission Limit			
0.040	gr/DRY FT3		TSP
4.200	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
104B	COLD PARTS CLEANERS (22)		
Emission Limit			
12.000	Tons/Yr	12-Month Rolling Sum, Calculated Monthly	VOC
201	DIESEL FUEL GENERATOR SETS (2)		
Emission Limit			
2.750	Tons/OZNESEAS	From All Exempt Generator Sets	NOX
6.600	Tons/Yr	From All Exempt Generator Sets	NOX
100.000	Lbs/Hr	From All Exempt Generator Sets	NOX
1,000.000	Lbs/Day	From All Exempt Generator Sets	NOX
500.000	PPMV		SOX
0.040	gr/DRY FT3	From Each Exempt Generator Set	TSP

Site Emission Restriction Summary

Emission Limit			Pollutant
24.900	Tons/Yr	12 month rolling sum	NOX
24.900	Tons/Yr	12 month rolling sum	VOC

**SECTION G. Miscellaneous.**

(a) The following previously-issued RFDs serve as the basis for certain terms and conditions specified in this permit:

- (1) RFD No. 09-A01-1110.
- (2) RFD No. 949.
- (3) RFD No. 1370.

(b) The following sources have been determined by the Department to be insignificant sources of air emissions and therefore do not require additional restrictions, monitoring, or recordkeeping, except as specified elsewhere in this permit. They are still subject to any applicable federal, state, and local regulations, including those indicated in Section C, of this permit:

(1) Two natural gas-fired boilers, as follows:

Manufacturer	Model No.	Rated Heat Input	Former Source ID
Cleaver-Brooks, Inc.	CB760-80	3.347 mmBtu/hr	031
Weil-McLain		1.25 mmBtu/hr	032

On June 22, 2016, DEP was informed that these two natural gas-fired boilers have been removed from this facility.

(2) Four natural gas-fired space heaters manufactured by Cambridge Engineering:

Model No.	Rated Heat Input	Quantity
CH115AGA/HC	0.774 mmBtu/hr	2
CH120AGA/HC	1.337 mmBtu/hr	1
CH110AGALC	0.206 mmBtu/hr	1

3.091 mmBtu/hr		

(3) Ten aqueous parts cleaners:

Manufacturer	Model No.	Capacity	Quantity	Status
JRI Industries		400 gal	1	active
JRI Industries		600 gal	1	active
Kemac Power Spray Systems		60 gal	1	removed
Landa Cleaning Systems	SJ 10	60 gal	3	active
Magnus Equipment		250 gal	1	active
Mart Corporation	Cyclone 40	400 gal	1	replaced
Mart Corporation	Hurricane 60	600 gal	1	active
Safety Kleen Systems, Inc.		35 gal	1	active

On June 22, 2016, DEP was informed that:

- i) the Kemac Power Spray Systems cleaner was removed from the facility
- ii) the Mart Corporation, Cyclone 40, 400 gal cleaner has been replaced by a 800 gallon RGHanson cleaner.

(4) A pneumatic diesel PM filter cleaner, model type/no. TrapBlaster 7, manufactured by FSX, Inc.

(5) A dust collector, model type/no. SootSucker 2, manufactured by FSX, Inc., associated with (b)(4), above. The dust collector exhausts into the indoor atmosphere.

(6) An abrasive blast cabinet, model no. BNP 210-1, manufactured by Zero Blast Cabinets. Sand is used as the blasting media in the blast cabinet.

On June 22, 2016, DEP was informed that alumina zirconia grit, not sand, is used as the blasting media in the blast cabinet.

(7) A portable abrasive blast machine, model no. BRAC OM 04122, manufactured by Clemco Industries Corp. Alumina zirconia

**SECTION G. Miscellaneous.**

is used as the blasting media in the blast machine. Blasting is performed in the same garage as Source ID 103. The permittee shall ensure that all garage doors are kept closed when operating the blast machine.

(8) A dust collector associated with (b)(7), above. The dust collector exhausts into the indoor atmosphere.

On June 22, 2016, DEP was informed that there are two dust collectors associated with (b)(7) above, both manufactured by Donalson Torit.

(9) A diesel fuel-fired portable air compressor, model no. CPS185, manufactured by Chicago Pneumatic. The air compressor is used to power (b)(8), above.

(10) A 2,200-gal No. 2 fuel oil aboveground storage tank.

(11) An air handler manufactured by Carrier Corp.

(12) An oil lab.

(13) Various forklifts.

(c) This permit is a renewal of State Only Operating Permit No. 09-00161, originally issued on August 24, 2004 (APS ID 501584, Auth ID 526309). The following is a listing of the changes reflected in this permit (APS ID 501584, Auth ID 781689):

(1) The following sources, fuel material location, and emission points, along with corresponding capacity listings, permit maps, conditions, and emission restrictions, in Sections A, D, and F, of the original permit, as applicable, have been removed:

Source ID	Source Name
031	Cleaver-Brooks Boiler
032	Weil-McLain Boiler
FML01	Natural Gas Pipeline
S01	Weil-McLain Boiler Stack
X01	Cleaver-Brooks Boiler Stack

(2) The source IDs and names for the following source, source grouping, emission points, and emission point grouping, where applicable, have been changed (<added to new source ID or name>, [deleted from old source ID or name]):

Source ID	Source Name
102	CS Paint <Spray> Booth
104	Cold Parts Cleaners ([16] <24>)
[W01] <S02>	CS Paint <Spray> Booth Stack
[W02] <S03A>	OS Paint Shop North Stack
[W03] <S04B>	OS Paint Shop South Stack
Z02	Cold Parts Cleaners Fugitive Emissions

(3) The following source grouping, control devices, fuel material location grouping, and emission point grouping, along with corresponding permit maps, conditions, and emission restrictions, have been added to Sections A, D, and F, of this permit, as applicable:

Source ID	Source Name
201	Exempt Generator Sets (2)
C02	CS Paint Spray Booth Panel Filters
C03	OS Paint Shop Panel Filters
FML03	470-Gal Exempt Generator Sets Sub-Base Diesel Fuel Tanks (2)
S04	Exempt Generator Sets Stacks

(4) The following for Condition # 010, Section B, of the original permit (same condition number in this permit):

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- (i) The phrase "modified, revoked, reopened and reissued or terminated for cause" has been changed to "terminated, modified, suspended or revoked and reissued."
- (ii) The numbering format has been changed.
- (5) An exception for emission into the outdoor atmosphere of fugitive air contaminants from certain types of open burning operations has been added as Condition # 002(f), Section C, of this permit.
- (6) The term "air contaminant" has been added after the terms "fugitive" and "visible" in Conditions # 002(f), 006, 009, and 010(a) - (b), Section C, of the original permit (Conditions # 002(g), 006, 009, and 010(a) - (b), Section C, of this permit), where applicable.
- (7) The term "particulate" has been removed from Condition # 010(a)(3) and (b), Section C, of the original permit (same condition number in this permit).
- (8) The following for Condition # 013, Section C, of the original permit (Condition # 011(a), Section C, of this permit):
- (i) All of part of Sub-condition (a)(1) - (3) has been added as items to be maintained for the record of deviations.
- (ii) Condition # 012, Section C, of the original permit, has been consolidated as Sub-condition (b).
- (9) Conditions # 014, 015, 019, 022, and 024(b), Section C, of the original permit, have been removed.
- (10) A requirement to maintain records of all of the facility's emission increases has been added as Condition # 012, Section C, of this permit.
- (11) Items to describe in the written report of a malfunction(s) have been added to Condition # 017, Section C, of the original permit (Condition # 014, Section C, of this permit), as all or part of Sub-condition (c)(2) - (4).
- (12) The following for Condition # 018, Section C, of the original permit (Condition # 016, Section C, of this permit):
- (i) It has been split into Sub-conditions (a) and (b).
- (ii) A statement that source reports shall include information from each previously-reported source(s), a new source(s) which was first operated during the preceding calendar year, and each source(s) modified during the same period that was not previously reported, including any source(s) listed in Section G, of this permit, has been added as part of (the reorganized) Sub-condition (a).
- (13) Language specifying that the total amount of as applied coatings used in the CS paint spray booth be calculated daily on an average hourly basis, has been added to Condition # 004, Section D (under Source ID 102), of the original permit (same condition number in this permit).
- (14) Conditions # 005, 006, 009, 015, and 021, Section D (under Source ID 102), of the original permit, have been removed.
- (15) The following for Condition # 008, Section D (under Source ID 102), of the original permit, and Condition # 007, Section D (under Source ID 103), of the original permit (Condition # 005, Section D (under Source IDs 102 and 103), of this permit):
- (i) The frequency of monitoring has been changed from "on a daily basis" to "on an operating day basis."
- (ii) Sub-conditions (b) - (d), except Sub-condition (b)(2), have been removed.
- (iii) Sub-condition (e) has been split into Sub-conditions (c) and (d).
- (16) The following for Condition # 010, Section D (under Source ID 102), of the original permit, and Condition # 009, Section D (under Source ID 103), of the original permit:
- (i) Sub-conditions (a) and (c) have been removed.
- (ii) Sub-condition (b) has been consolidated as/split into Condition # 007(e) and (f), Section D (under Source IDs 102 and 103), of this permit.

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(iii) Sub-conditions (d) and (e) have been reorganized as Condition # 010(b) and (a), Section D (under Source IDs 102 and 103), of this permit, respectively.

(17) The following for Condition # 013, Section D (under Source ID 102), of the original permit, and Condition # 011, Section D (under Source ID 103), of the original permit (Condition # 007, Section D (under Source IDs 102 and 103), of this permit):

(i) The frequency of maintaining records has been changed from "on a daily basis" to "on an operating day basis," as applicable.

(ii) A requirement to maintain records of the hours of operation on a monthly and 12-month rolling basis, has been added to Sub-condition (a).

(iii) Sub-conditions (b)(5) - (6) and (c) have been reorganized as Sub-condition (b)(5)(i) - (iv) and (7) - (9).

(iv) A requirement to maintain records of the HAP content of each as supplied coating component has been added as Sub-condition (b)(6).

(v) Sub-condition (d) has been reorganized as Sub-condition (c)(2).

(vi) Sub-condition (e) has been split into Sub-conditions (c)(1) and (d).

(vii) Requirements to maintain records of the amounts of each and all as applied coating(s) used on an average hourly and operating day basis, have been added as parts of Sub-conditions (c)(1) and (e), respectively.

(18) The following for Condition # 019, Section D (under Source ID 102), of the original permit, and Condition # 016, Section D (under Source ID 103), of the original permit (Condition # 017, Section D (under Source IDs 102 and 103), of this permit):

(i) The requirements specified in Sub-conditions (a) - (c) have been expanded/revised to mirror those specified in 25 Pa. Code § 129.75(h)(1) - (3) (reorganized as Sub-condition (a)(1) - (3)).

(ii) Department-approved methods for cleaning spray guns have been added as Sub-condition (a)(4)(i) - (iv).

(iii) A requirement that all operators that apply coatings in the CS paint spray booth and OS paint shop, respectively, have completed training in the proper use and handling of coating components, coatings, cleanup solvents, and waste products to minimize air contaminant emissions, has been added as Sub-condition (b).

(19) The frequency for replacing the panel filters (Source ID C02) associated with the CS paint spray booth, as indicated in Condition # 020, Section D (under Source ID 102), of the original permit (Condition # 016, Section D (under Source ID 102), of this permit), has been changed from "on a monthly basis, or as needed" to "as needed."

(20) A requirement that HVLP spraying is the only application technique used in the CS paint spray booth and OS paint shop has been added as Condition # 012, Section D (under Source IDs 102 and 103), of this permit.

(21) A requirement to calculate the VOC and HAP emissions from the CS paint spray booth and OS paint shop, on a monthly and 12-month rolling basis, has been added as Condition # 018(a) and (b), Section D (under Source IDs 102 and 103), of this permit, respectively.

(22) Conditions # 005, 006, 008, 009(a) and (c), and 012, Section D (under Source ID 103), of the original permit, have been removed.

(23) Requirements to monitor and maintain records of the differential pressure across the panel filters (Source ID C03) associated with the OS paint shop, on an operating day basis, have been added as Conditions # 006 and 008, Section D (under Source ID 103), of this permit, respectively.

(24) Conditions # 013 and 018, Section D (under Source ID 103), of the original permit, have been merged into/reorganized as Condition # 014(a) and (b), Section D (under Source ID 103), of this permit, respectively.

(25) The frequency for replacing the panel filters (Source ID C03) associated with the OS paint shop, as indicated in Condition # 017, Section D (under Source ID 103), of the original permit (Condition # 016, Section D (under Source ID 103), of this permit),



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has been changed from "on a semi-monthly basis, or as needed" to "as needed."

(26) Language clarifying when the doors of the garage housing the OS paint shop are required to be kept closed, has been added to Condition # 018, Section D (under Source ID 103), of the original permit (Condition # 014(b), Section D (under Source ID 103), of this permit).

(27) Requirements to operate and maintain a differential pressure gauge to indicate the differential pressure across the panel filters (Source ID C03) associated with the OS paint shop, and to operate the OS paint shop within the differential pressure range of 0.03 to 0.20 inches of water, have been added as Condition # 013, Section D (under Source ID 103), of this permit.

(28) Condition # 002(c), Section D (under Source ID 104), of the original permit, has been removed.

(29) Condition # 003(c), Section D (under Source ID 104), of the original permit, has been moved to Condition # 005, Section D (under Source ID 104B), of this permit.

(30) All citations to 25 Pa. Code § 129.63, as indicated in Conditions # 004 and 006 - 009, Section D (under Source ID 104), of the original permit, have been changed to additional authority citations in Conditions # 004, 007, 010, 011, and 006, Section D (under Source ID 104B), of this permit, respectively (with primary authority citations to 25 Pa. Code § 127.441).

(31) A requirement to maintain records of solvent information for at least 2 years and make them available to the Department upon request, has been removed from Condition # 004(b), Section D (under Source ID 104), of the original permit.

(32) A requirement that the freeboard ratio of each of the immersion-type cold parts cleaners is equal to or greater than 0.5, has been added as Condition # 008, Section D (under Source ID 104A), of this permit.

(33) A requirement to calculate the VOC emissions from the cold parts cleaners, on a monthly and 12-month rolling basis, has been added as Condition # 012, Section D (under Source ID 104A), of this permit.

(34) The source description for the cold parts cleaners, as indicated in Condition # 010, Section D (under Source ID 104), of the original permit (Condition # 013, Section D (under Source ID 104B), of this permit), has been updated.

***** July 2016 *****
APS No. 501584; Authorization No. 1037321: This action is for the renewal of a State Only Operating Permit. The following changes were made during this renewal:
a) wording was updated to comply with 25 Pa. Code §129.63(a)(4) and 25 Pa. Code §129.63(a)(7)(iii) relating to allowable solvent vapor pressure.
b) The Tier 3 stationary compression ignition, internal combustion engines are subject to the requirements of 40 C.F.R. Part 60 Subpart IIII. The applicable requirements of 40 C.F.R. Part 60 Subpart IIII are included in the renewal permit.

***** March 2018 *****
APS No. 963155 and AUTH No. 1219952. Administrative amendment to change ownership from Giles & Ransome. (Tax ID 23-1615403-1???) to Foley Incorporated (Tax ID 32-0453494???)

June 2021
APS # 963155, AUTH # 1338689.
This Operating Permit is being renewed with the following modification (further information is available in the review memo for this renewal):

- Section B (General Requirements) and Section C (Site Level Requirements) of the permit have been updated to the most current template language used for State Only Operating Permits issued in the Southeast Region. Information on the new fee schedule pursuant to 25 Pa. Code § 127.703 has been added to Section B (Condition #004).
- Material Safety Data Sheets (MSDS) are now called Safety Data Sheets (SDS) and all references were thus changed accordingly (SDS).
- Source ID 104B: The name "Cold Parts Cleaners (21)" was changed to "Cold Parts Cleaners (22)" to address the right number of parts cleaners that are part of this source.

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• Source ID 201:

- o #condition #004 was changed to replace "40 CFR 80.510(b)" with "40 CFR 1090.305" as per the latest amendment (Federal Register Vol.85, No.234, December 4, 2020).
- o The applicable requirements for this Subpart were all included in the previous renewal under section "Additional Requirements". In this renewal, the conditions were redistributed in Section D under the specific requirements.

Updated Miscellaneous Sources:

Source Name	Quantity
JRI Industries Parts Cleaner 600 gallons	1
Landa Cleaning Systems Parts Cleaner 60 gallons, Model SJ 10	1
Magnus Equipment Parts Cleaner 250 gallons	1
RGHanson Cleaner 800 gallons	1
Mart Corporation Parts Cleaner 600 gallons, Model Hurricane 60	1
Safety Kleen Systems, Inc. Parts Cleaner 35 gallons	1
FSX, Inc. Pneumatic Diesel PM Filter Cleaner Model Type/No. TrapBlaster 7	1
FSX, Inc. Dust Collector Model Type/No. SootSucker 2 associated with (b)(4) above	1
Zero Blast Cabinets Inc. Abrasive Blast Cabinet Model No. BNP 210-1b	2
Clemco Industries Corp. Portable Abrasive Blast Machine Model No. BRAC OM 04122	1
Dust Collector associated with above	2
2,200-Gallon above ground Storage Tank (No. 2 Fuel Oil)	1
Carrier Corp. air handler	1
Oil Lab	1
Various Forklifts	Various

Sources added since last renewal:

Carrier space heater, model 48HCEA04F2A5A0F5CO 0.115 MMBTU/hr (Natural Gas)	1
Carrier space heater, model 48HCED14F2A5A0F5CO 0.180 MMBTU/hr (Natural Gas)	3
Carrier space heater, model 48HCED24FBA5A0F5CO 0.310 MMBTU/hr (Natural Gas)	4
JRI Industries Aqueous parts cleaner 200 gallons	5
Sullair Model 185 Portable Air Compressor assoc. with Clemco blast machine (Diesel)	1
1,000 Gallon aboveground storage tank (Diesel)	1

Sources removed since last renewal:

Cambridge Engineering Space Heaters 0.774 MMBtu/hr, Model CH115AGA/HC (NG)	2
Cambridge Engineering Space Heater 1.337 MMBtu/hr, Model CH120AGA/HC (NG)	1
Cambridge Engineering Space Heaters 0.206 MMBtu/hr, Model CH110AGA/LC (NG)	1
JRI Industries Parts Cleaner 400 gallons	1
Chicago Pneumatic, Portable Air Compressor Model No. CPS185 associated with dust collector (Diesel)	1

1



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

