COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date:	August 25, 2020	Effective Date:	May 4, 2022
Revision Date:	May 4, 2022	Expiration Date:	July 31, 2025
Revision Type:	Amendment		

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: 25-01038
Natural Minor
Federal Tax Id - Plant Code: 25-0626921-1

Owner Information

Name: LORD CORP
Mailing Address: 2455 ROBISON RD W
ERIE, PA 16509-4675

Plant Information

Plant: LORD CORP/ERIE
Location: 25 Erie County 25933 Summit Township
SIC Code: 3069 Manufacturing - Fabricated Rubber Products, Nec

Responsible Official

Name: HARIS HALILOVIC
Title: PLANT MANAGER
Phone: (814) 217 - 6383 Email: haris.halilovic@parker.com

Permit Contact Person

Name: RICHARD HENDERSON
Title: EHS MANAGER
Phone: (814) 217 - 6977 Email: richard.henderson@parker.com

[Signature] _____
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER

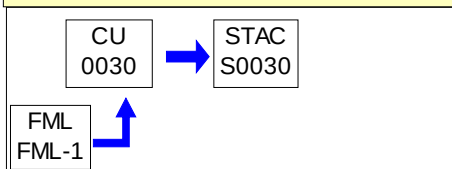
SECTION A. Table of Contents

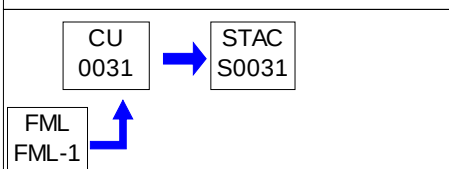
SECTION A. Table of Contents

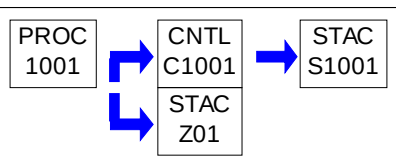
SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput		Fuel/Material
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)	13.378	MMBTU/HR	
		13.400	MCF/HR	Natural Gas
0031	HEATING UNIT - MANUFACTURING AREA	2.555	MMBTU/HR	
		2.555	MCF/HR	Natural Gas
1001	SPRAY BOOTHS		N/A	ADHESIVE
			N/A	COATING
1002	METAL TANKS		N/A	
1004	RESEARCH & DEVELOPMENT		N/A	
1010	EMERGENCY POWER GENERATORS (3) [GEN #1, #2, & #3]		N/A	Diesel Fuel
C1001	FILTERS			
C1002A	PACKED BED SCRUBBER			
C1002B	PACKED BED SCRUBBER			
FML-1	NATURAL GAS PIPELINE			
FML-2	DIESEL FUEL TANKS			
S0030	STACKS - PLANT BOILERS (1 & 2)			
S0031	STACK - HEATING UNIT MANUFACTURING AREA			
S1001	SPRAY BOOTH STACKS			
S1002A	METAL TANK SCRUBBER STACK			
S1002B	METAL TANK SCRUBBER STACK			
S1004	R. & D. STACKS			
S1010	STACKS - EMERGENCY POWER GENERATORS (3)			
Z01	FUGITIVE EMISSIONS			

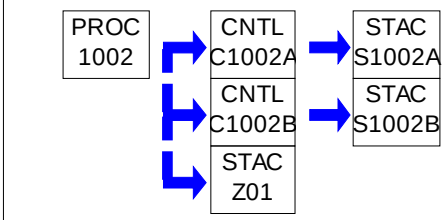
PERMIT MAPS







PERMIT MAPS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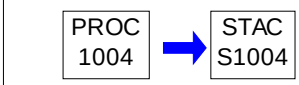
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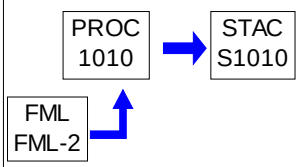
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SECTION B. General State Only Requirements

#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:

SECTION B. General State Only Requirements

(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 NOx from a single source during the term of the permit and 5 tons of NOx 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:

SECTION B. General State Only Requirements

(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)

SECTION B. General State Only Requirements

(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

SECTION B. General State Only Requirements

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 act.

 # 002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

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

(1) Construction or demolition of buildings or structures.

(2) Grading, paving and maintenance of roads and streets.

(3) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.

(4) Clearing of land.

(5) Stockpiling of materials.

(6) Open burning operations.

(7) - (8) [Do not apply]

(9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:

(i) the emissions are of minor significance with respect to causing air pollution; and

(ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

(b) An application form for requesting a determination under either subsection (a)(9) or § 129.15(c) is available from the Department. In reviewing these applications, the Department may require the applicant to supply information including, but not limited to, a description of proposed control measures, charac-teristics of emissions, quantity of emissions and ambient air quality data and analysis showing the impact of the source on ambient air quality. The applicant is required to demonstrate that the requirements of subsections (a)(9) and (c) and § 123.2 [Condition #003, below] (relating to fugitive particulate matter) or of the requirements of § 129.15(c) have been satisfied. Upon such demonstration, the Department will issue a determination, in writing, either as an operating permit condition, for those sources subject to permit requirements under the act, or as an order containing appropriate conditions and limitations.

(c) [Printed under Work Practice Requirements in this section of permit.]

(d) [Does not apply]

 # 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 § 123.1(a)(1)—(9) [Condition #002, above] (relating to prohibition of certain fugitive emissions) if the emissions are visible at the point the emissions pass outside the person's property.

 # 004 [25 Pa. Code §123.31]

Limitations

(a) [Printed under Work Practice Requirements in this section of permit.]

SECTION C. Site Level Requirements

(b) A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

(c) [Does not apply]

 # 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:

(1) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any 1 hour.

(2) Equal to or greater than 60% at any time.

 # 006 [25 Pa. Code §123.42]

Exceptions

The limitations of § 123.41 [Condition #005, above] (relating to limitations) shall not apply to a visible emission in any of the following instances:

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

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

(3) When the emission results from sources specified in § 123.1 (a)(1)—(9) [Condition #002, above] (relating to prohibition of certain fugitive emissions).

(4) [Does not apply]

 # 007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) VOC emissions from the the facility (combined) shall not exceed 24.5 tpy based on a 12-month rolling period.

[Plan Approval 25-1038A]
(b) Total HAP emissions from the facility (combined) shall not exceed 24.0 tpy based on a 12-month rolling period.

[Plan Approval 25-1038A]
(c) Single HAP emissions from the facility (combined) shall not exceed 9.9 tpy based on a 12-month rolling period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

 # 008 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

(1) A device approved by the Department and maintained to provide accurate opacity measurements.

(2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

SECTION C. Site Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

 # 009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

[Plan Approval 25-1038A]
(b) The facility shall maintain records of the following:

1. VOC emissions on a monthly basis and a 12-month rolling basis

2. Total HAP emissions on a monthly basis and a 12-month rolling basis

3. Single HAP emissions on a monthly basis and a 12-month rolling basis

V. REPORTING REQUIREMENTS.

 # 010 [25 Pa. Code §135.3]

Reporting

(a) A person who owns or operates a source to which this chapter applies, and who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the proceeding calendar year and sources modified during the same period which were not previously reported.

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

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

VI. WORK PRACTICE REQUIREMENTS.

 # 011 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

[25 Pa. Code § 123.1(c):]

(c) A person responsible for any source specified in subsections (a)(1)—(7) or (9) [Condition #002, above] shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions include, but not be limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.

(2) Application of asphalt, oil, water or suitable chemicals on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

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

 # 012 [25 Pa. Code §123.31]

Limitations

[25 Pa. Code § 123.31(a):]

(a) Limitations are as follows:

SECTION C. Site Level Requirements

(1) If control of malodorous air contaminants is required under subsection (b) [Condition #004, above], emissions shall be incinerated at a minimum of 1200°F for at least 0.3 second prior to their emission into the outdoor atmosphere.

(2) Techniques other than incineration may be used to control malodorous air contaminants if such techniques are equivalent to or better than the required incineration in terms of control of the odor emissions and are approved in writing by the Department.

 # 013 [25 Pa. Code §129.14]

Open burning operations

(a) [Does not apply]

(b) Outside of air basins. No person may permit the open burning of material in an area outside of air basins in a manner that:

(1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.

(2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life or property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(c) Exceptions: The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

(1) 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.

(2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

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

(4) - (5) [Do not apply]

(6) A fire set solely for recreational or ceremonial purposes.

(7) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

(1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

(2) [Does not apply]

(3) Subsection (b) notwithstanding clearing and grubbing wastes may be burned outside of an air basin, subject to the following limitations:

SECTION C. Site Level Requirements

(i) Upon receipt of a complaint or determination by the Department that an air pollution problem exists, the Department may order that the open burning cease or comply with subsection (b) of this section.

(ii) Authorization for open burning under this paragraph does not apply to clearing and grubbing wastes transported from an air basin for disposal outside of an air basin.

(4) During an air pollution episode, open burning is limited by Chapter 137 (relating to air pollution episodes) and shall cease as specified in such chapter.

[This permit does not constitute authorization to burn solid waste pursuant to Section 610(3) of the Solid Waste Management Act, 35 P.S. Section 6018.610(3), or any other provision of the Solid Waste Management Act.]

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: 0030 Source Name: PLANT STEAM BOILERS (2) (BOILERS 1 & 2)

Source Capacity/Throughput: 13.378 MMBTU/HR
13.400 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 123.11
123.22
MAINTAIN & OPERATE
NAT.GAS ONLY

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 0031 Source Name: HEATING UNIT - MANUFACTURING AREA

Source Capacity/Throughput: 2.555 MMBTU/HR
2.555 MCF/HR Natural Gas

Conditions for this source occur in the following groups: 123.11
123.22
MAINTAIN & OPERATE
NAT.GAS ONLY

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

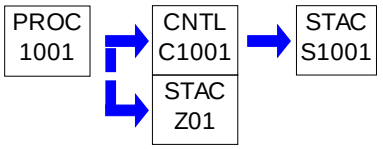
VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION D. Source Level Requirements

Source ID: 1001 Source Name: SPRAY BOOTHS

Source Capacity/Throughput: N/A ADHESIVE
N/A COATING



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) Emissions shall comply with 25 PA Code 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

[Plan Approval 25-1038A]
(b) VOC emissions from all coating/adhesive booths shall not exceed 23.0 tpy based on a 12-month rolling period.

[Plan Approval 25-1038A]
(c) Total HAP emissions from all coating/adhesive booths shall not exceed 19.6 tpy based on a 12-month rolling period.

 # 003 [25 Pa. Code §129.52]

Surface coating processes

(a) This section applies to a surface coating process category, regardless of the size of the facility, which emits or has emitted VOCs into the outdoor atmosphere in quantities greater than 3 pounds (1.4 kilograms) per hour, 15 pounds (7 kilograms) per day or 2.7 tons (2,455 kilograms) per year during any calendar year since January 1, 1987.

(b) A person may not cause or permit the emission into the outdoor atmosphere of VOCs from a surface coating process category listed in Table I, unless one of the following limitations is met:

(1) The VOC content of each as applied coating is equal to or less than the standard specified in Table I.

Table I
Emission Limits of VOCs in Surface Coatings by Process Category
Weight of VOC per Volume of Coating Solids

Surface Coating Process Category	lbs VOC per gal coating solids	kg VOC per liter coating solids
10. Miscellaneous metal parts & products		
(d) clear coatings	10.34	1.24
(e) air-dried coatings	6.67	0.80
(f) extreme performance coatings	6.67	0.80
(g) all other coatings	5.06	0.61

(i) The VOC content of the as applied coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

SECTION D. Source Level Requirements

VOC = (Wo)(Dc)/Vn

Where:
VOC = VOC content in lb VOC/gal of coating solids
Wo = Weight percent of VOC (Wv-Ww-Wex)
Wv = Weight percent of total volatiles (100%-weight percent solids)
Ww = Weight percent of water
Wex = Weight percent of exempt solvent(s)
Dc = Density of coating, lb/gal, at 25°C
Vn = Volume percent of solids of the as applied coating

(ii) The VOC content of a dip coating, expressed in units of weight of VOC per volume of coating solids, shall be calculated on a 30-day rolling average basis using the following equation in 25 PA Code 129.52(b)(1)(ii).

(iii) [Does not apply]

(iv) Sampling and testing shall be done in accordance with the procedures and test methods specified in Chapter 139 (relating to sampling and testing).

(2) [Does not apply]

(c) [Does not apply]

(d) The solvents methyl chloroform (1,1,1-trichloroethane) and methylene chloride are exempt from control under this section and § 129.67 (relating to graphic arts systems). A surface coating process which seeks to comply with this section through the use of an exempt solvent may not be included in any alternative standards.

(e) If more than one emission limitation under miscellaneous metal parts and products applies to a specific coating, the least stringent emission limitation applies.

(f) [Does not apply]

(g) The records shall be maintained for 2 years and shall be submitted to the Department on a schedule reasonably prescribed by the Department.

(h) The VOC standards in Table I do not apply to a coating used exclusively for determining product quality and commercial acceptance, touch-up and repair and other small quantity coatings if the coating meets the following criteria:

(1) The quantity of coating used does not exceed 50 gallons per year for a single coating and a total of 200 gallons per year for all coatings combined for the facility.

(2) The owner or operator of the facility requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

(i) - (k) [Do not apply]

II. TESTING REQUIREMENTS.

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

SECTION D. Source Level Requirements

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

[Plan Approval 25-1038A]
(b) The permittee shall maintain a record of all preventive maintenance inspections of the source. These records shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.

[Plan Approval 25-1038A]
(c) The permittee shall record the following operational data from the source/control device (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

1. Pressure drop across filters - daily defined as once per calendar day

[Plan Approval 25-1038A]
(d) A facility, regardless of the facility's annual emission rate, which contains surface coating processes shall maintain records sufficient to demonstrate compliance with this section. At a minimum, a facility shall maintain records of:

(1) The following parameters for each coating, thinner and other component as supplied:

(i) The coating, thinner or component name and identification number.

(ii) The volume used.

(iii) The mix ratio.

(iv) The density or specific gravity.

(v) The weight percent of total volatiles, water, solids and exempt solvents.

(vi) The volume percent of solids for Table I surface coating process categories 1-10.

(2) The VOC content of each coating, thinner and other component as supplied.

(3) The VOC content of each as applied coating. To meet the daily requirement in 25 PA Code 129.52, the facility shall determine the VOC content of each as applied coating by determining the maximum amount of solvent that can be added to each coating while still meeting the Table 1 limits and never exceeding that amount of solvent.

[Plan Approval 25-1038A]
(e) The permittee shall record the following:

1. Inventory reports of VOC and HAP containing materials

2. Usage reports of VOC and HAP containing materials

3. Waste shipments of VOC and HAP containing materials

SECTION D. Source Level Requirements

4. Waste analysis of VOC and HAP containing materials

5. Computerized emissions tracking model. Using the computerized emissions tracking model, the records shall be complied on a monthly basis to determine the total VOC, total HAP, and individual HAP emissions for that month. These monthly totals shall be added to the monthly totals for the previous eleven (11) months to determine the twelve (12) month rolling totals for each type of pollutant.

[Plan Approval 25-1038A]
(f) The permittee shall maintain the following records for demonstrating compliance:

(1) A list of each adhesive, sealant, adhesive primer, sealant primer, surface preparation solvent and cleanup solvent product in use and in storage.

(2) A data sheet or material list which provides the product name, manufacturer identification and use or material application for each product included on the list required under paragraph (1).

(3) The VOC content of each product on the list required under paragraph (1), as supplied.

(4) Catalysts, reducers or other components used and the mix ratio.

(5) The VOC content or vapor pressure of each product on the list required by paragraph (1), as applied, if solvent or other VOC is added to the product before application.

(6) The volume purchased or produced of each product on the list required under paragraph (1).

(7) The monthly volume used or applied as part of a manufacturing process at the facility of each product on the list required under paragraph (1).

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.

 # 005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) The permittee shall perform a daily operational inspection of the source and control device when in operation.

[Plan Approval 25-1038A]
(b) The source shall not operate when the control device is not operating.

[Plan Approval 25-1038A]
(c) A magnehelic gauge (or equivalent) shall be permanently installed and maintained at a conveniently readable location to indicate the pressure drop across the control device.

[Plan Approval 25-1038A]
(d) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading.

[Plan Approval 25-1038A]
(e) The permittee shall maintain and operate the source in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

SECTION D. Source Level Requirements

[Plan Approval 25-1038A]
(f) The facility shall comply with the following BAT requirements:

1. All spray guns used in these booths shall be of the high volume, low pressure (HVLP) type, or a type equivalent to or better than HVLP in terms of transfer efficiency.

2. All spray guns shall be cleaned as needed or before allowing to set idle for extended periods. All spray guns used in these booths shall always be cleaned with enclosed spray gun cleaning equipment designed specifically for this purpose.

3. The system shall be checked daily for leaks of lines and guns.

4. Good housekeeping practices shall be followed at all times, including but not limited to, any spills of adhesive, paint and solvent being cleaned up immediately, and containers of adhesive, paint and solvent kept closed when not in use.

5. The permittee shall store or dispose of all absorbent materials, including cloth or paper, which are moistened with adhesives, sealants, primers, surface preparation solvents or cleanup solvents subject to this section, in nonabsorbent containers at the facility that are kept closed except when placing materials in or removing materials from the container.

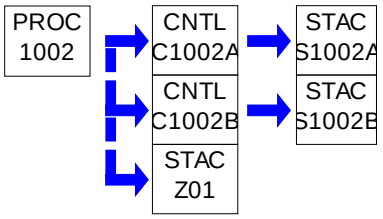
VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 1002 Source Name: METAL TANKS

Source Capacity/Throughput: N/A



I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]

Emissions shall comply with 25 PA Code 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

[Plan Approval 25-1038A]
(b) The permittee shall maintain a record of all preventive maintenance inspections of the source. These records shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.

[Plan Approval 25-1038A]
(c) The permittee shall record the following operational data from the source/control device (these records may be done with strip charts recorders, data acquisition systems, or manual log entries):

1. Pressure drop across filters - daily defined as once per calendar day

SECTION D. Source Level Requirements

2. pH - daily defined as once per calendar day
3. Water flow - daily defined as once per calendar day

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) The permittee shall perform a daily operational inspection of the source and control device when in operation.

[Plan Approval 25-1038A]
(b) The source shall not operate when the control device is not operating.

[Plan Approval 25-1038A]
(c) A magnehelic gauge (or equivalent) shall be permanently installed and maintained at a conveniently readable location to indicate the pressure drop across the control device.

[Plan Approval 25-1038A]
(d) A pH meter (or equivalent) shall be permanently installed and maintained at a conveniently readable location to indicate the pH.

[Plan Approval 25-1038A]
(e) A flow meter (or equivalent) shall be permanently installed and maintained at a conveniently readable location to indicate the flow to the control device.

[Plan Approval 25-1038A]
(f) All gauges employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading.

[Plan Approval 25-1038A]
(g) The permittee shall maintain and operate the source in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 1004 Source Name: RESEARCH & DEVELOPMENT

Source Capacity/Throughput: N/A

PROC 1004 → STAC S1004

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.13]

Processes

No person may permit the emission into the outdoor atmosphere of particulate matter from this process in a manner that the concentration of particulate matter in the effluent gas exceeds .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

 # 002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) Emissions shall comply with 25 PA Code 123.1, 123.31, & 123.41 for fugitive, odor, and visible emissions respectively.

[Plan Approval 25-1038A]
(b) The R&D activities shall not exceed annual emission rates of the following:

1. CO: 20 tpy based on a consecutive 12-month period

2. Lead: 0.12 tpy based on a consecutive 12-month period

3. PM10: 3 tpy based on a consecutive 12-month period

4. SOx: 8 tpy based on a consecutive 12-month period

5. VOC: 8 tpy based on a consecutive 12-month period

6. NOx: 10 tpy based on a consecutive 12-month period

7. Single HAP: 1 tpy based on a consecutive 12-month period

8. Total HAPs: 2.5 tpy based on a consecutive 12-month period

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

SECTION D. Source Level Requirements

IV. RECORDKEEPING REQUIREMENTS.

 # 003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]
(a) All recordkeeping shall commence upon startup of the source/control device. All records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

[Plan Approval 25-1038A]
(b) The permittee shall maintain a record of all preventive maintenance inspections of the source. These records shall include, at a minimum, the dates of the inspections, the name of the person performing the inspection, any problems or defects identified, any actions taken to correct the problems or defects, and any routine maintenance performed.

[Plan Approval 25-1038A]
(c) The permittee shall record the following:

1. CO, lead, PM10, SOx, VOC, NOx, single HAP, and total HAPs emissions on a monthly basis and 12-month rolling total

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

[Plan Approval 25-1038A]

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION D. Source Level Requirements

Source ID: 1010 Source Name: EMERGENCY POWER GENERATORS (3) [GEN #1, #2, & #3]

Source Capacity/Throughput: N/A Diesel Fuel

Conditions for this source occur in the following groups: SUBPART IIII

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

SECTION E. Source Group Restrictions.

Group Name: 123.11

Group Description:

Sources included in this group

ID	Name
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)
0031	HEATING UNIT - MANUFACTURING AREA

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.11]

Combustion units

A person may not permit the emission into the outdoor atmosphere of particulate matter from this combustion unit at a rate in excess of 0.4 pound per million Btu of heat input.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

Group Name: 123.22

Group Description:

Sources included in this group

ID	Name
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)
0031	HEATING UNIT - MANUFACTURING AREA

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [25 Pa. Code §123.22]

Combustion units

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, from this combustion unit in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

Group Name: MAINTAIN & OPERATE

Group Description:

Sources included in this group

ID	Name
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)
0031	HEATING UNIT - MANUFACTURING AREA

I. RESTRICTIONS.

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

 # 001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In order to assure compliance with the emission limitations for this source, the permittee shall maintain and operate this source in accordance with the manufacturers' specifications and in a manner consistent with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

Group Name: NAT.GAS ONLY

Group Description:

Sources included in this group

ID	Name
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)
0031	HEATING UNIT - MANUFACTURING AREA

I. RESTRICTIONS.

Fuel Restriction(s).

 # 001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In order to demonstrate compliance with the SOx emission limits, this source shall use only natural gas as a fuel source.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

SECTION E. Source Group Restrictions.

Group Name: SUBPART IIII
Group Description: New C. I. Engines
Sources included in this group

ID	Name
1010	EMERGENCY POWER GENERATORS (3) [GEN #1, #2, & #3]

I. RESTRICTIONS.

Emission Restriction(s).

 # 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4205]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
What emission standards must I meet for emergency engines if I am an owner or operator of a stationary CI internal cor

(a) [Does not apply]

(b) Owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in § 60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

[From § 60.4202(a)(2):]

(2) For engines with a maximum engine power greater than or equal to 37 KW (50 HP), the certification emission standards for new nonroad CI engines for the same model year and maximum engine power in 40 CFR 89.112 and 40 CFR 89.113 for all pollutants beginning in model year 2007.

[From § 89.112]

[Oxides of nitrogen, carbon monoxide, hydrocarbon, and particulate matter exhaust emission standards. Paragraph (a), Table 1, provides emission standards for nonroad engines based on the power rating. Paragraph (d) allows manufacturers to elect to include “engine families” in an averaging, banking , and trading program and provides Family Emission Limits (FELs) in Table 2.]

The engines on the two 755 HP (563 kW) generators (Gen #1 & Gen #2) fall under the Model Year 2006, Tier 2 Emission Standards of Table 1, for engines with a kW rating greater than 560 kW. These engines have been demonstrated to meet the following Emission Standards.

Pollutant	Limit (g/kW-hr)
NMHC + NOx (FEL)	6.4
CO	3.5
PM (FEL)	0.20

The engine on the 455 HP (345 kW) generator (Gen #3) falls under the Model Year 2006, Tier 3 Family Emission Standards of Table 2, for engines with a kW rating between 225 kW and 450 kW. The Engine Family I.D. Number is CCEXL0540AAB and the Certification Number is 275DQDAB. This engine has been demonstrated to meet the following Family Emission Standards.

Pollutant	Limit (g/kW-hr)
NMHC + NOx (FEL)	6.4
PM (FEL)	0.54

[From § 89.113]

(a) Exhaust opacity from compression-ignition nonroad engines for which this subpart is applicable must not exceed:

SECTION E. Source Group Restrictions.

(1) 20 percent during the acceleration mode;

(2) 15 percent during the lugging mode; and

(3) 50 percent during the peaks in either the acceleration or lugging modes.

(b) Opacity levels are to be measured and calculated as set forth in 40 CFR part 86, subpart I.

(c) - (f) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011]

Fuel Restriction(s).

 # 002 [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 tc

(a) [Does not apply]

(b) Beginning October 1, 2010, 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 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

[From 40 CFR §80.510(b):]

(b) Beginning June 1, 2010 . Except as otherwise specifically provided in this subpart, all NR and LM diesel fuel is subject to the following per-gallon standards:

(1) Sulfur content.

(i) 15 ppm maximum for NR diesel fuel.

(ii) [Does not apply]

(2) Cetane index or aromatic content, as follows:

(i) A minimum cetane index of 40; or

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

(c) [Reserved]

(d) - (e) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011; 78 FR 6695, Jan. 30, 2013]

Operation Hours Restriction(s).

 # 003 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

[From 40 CFR §60.4211(f):]

SECTION E. Source Group Restrictions.

(f) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (f)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (3) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (3) of this section, the engine will not be considered an emergency engine under this 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 any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraph (f)(3) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(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.

(ii) - (iii) [Paragraphs 40 CFR §60.4211(f)(2)(ii)-(iii) were vacated by the U.S. Court of Appeals on May 1, 2015.]

(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 (f)(2) of this section. Except as provided in paragraph (f)(3)(i) of this section, 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) [Does not apply]

(ii) [Reserved]

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

 # 004 [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?

If you are an owner or operator, you must meet the monitoring requirements of this section. In addition, you must also meet the monitoring requirements specified in § 60.4211.

(a) If you are an owner or operator of an emergency stationary CI internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine.

(b) [Does not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37969, June 28, 2011]

SECTION E. Source Group Restrictions.

IV. RECORDKEEPING REQUIREMENTS.

 # 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4214]

Subpart IIII - 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?

(a) [Does not apply]

(b) If the stationary CI internal combustion engine is an emergency stationary internal combustion engine, the owner or operator is not required to submit an initial notification. Starting with the model years in table 5 to this subpart, if the emergency engine does not meet the standards applicable to non-emergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

(c) - (e) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 78 FR 6696, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

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 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4206]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

How long must I meet the emission standards if I am an owner or operator of a stationary CI internal combustion engine?

Owners and operators of stationary CI ICE must operate and maintain stationary CI ICE that achieve the emission standards as required in §§60.4204 and 60.4205 over the entire life of the engine.

[76 FR 37969, June 28, 2011]

 # 007 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

(a) If you are an owner or operator and must comply with the emission standards specified in this subpart, you must do all of the following, except as permitted under paragraph (g) of this section:

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

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

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

(b) [Does not apply]

(c) If you are an owner or operator of a 2007 model year and later stationary CI internal combustion engine and must comply with the emission standards specified in § 60.4204(b) or § 60.4205(b), or if you are an owner or operator of a CI fire pump engine that is manufactured during or after the model year that applies to your fire pump engine power rating in table 3 to this subpart and must comply with the emission standards specified in § 60.4205(c), you must comply by purchasing an engine certified to the emission standards in § 60.4204(b), or § 60.4205(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in paragraph (g) of this section.

(d) - (e) [Do not apply]

SECTION E. Source Group Restrictions.

(f) [Printed under Restrictions in this section of permit.]

(g) - (h) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37970, June 28, 2011; 78 FR 6695, Jan. 30, 2013; 81 FR 44219, July 7, 2016]

VII. ADDITIONAL REQUIREMENTS.

 # 008 [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 provisions of this subpart are applicable to manufacturers, owners, and operators of stationary compression ignition (CI) internal combustion engines (ICE) and other persons as specified in paragraphs (a)(1) through (4) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

(1) [Does not apply]

(2) Owners and operators of stationary CI ICE that commence construction after July 11, 2005, where the stationary CI ICE are:

(i) Manufactured after April 1, 2006, and are not fire pump engines, or

(ii) [Does not apply]

(3) - (4) [Do not apply]

(b) - (e) [Do not apply]

[71 FR 39172, July 11, 2006, as amended at 76 FR 37967, June 28, 2011]

 # 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4218]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What parts of the General Provisions apply to me?

Table 8 to this subpart shows which parts of the General Provisions in §§60.1 through 60.19 apply to you.

[Refer to Table 8 to Subpart IIII of Part 60.]

 # 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4219]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What definitions apply to this subpart?

[Refer to 40 CFR §60.4219 for definitions applicable to Subpart IIII.]

SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

SECTION G. Emission Restriction Summary.

Source Id	Source Description
0030	PLANT STEAM BOILERS (2) (BOILERS 1 & 2)

Emission Limit			Pollutant
4.000	Lbs/MMBTU	Over any 1-hour period.	SOX
0.400	Lbs/MMBTU		TSP

Source Id	Source Description
0031	HEATING UNIT - MANUFACTURING AREA

Emission Limit			Pollutant
4.000	Lbs/MMBTU	Over any 1-hour period.	SOX
0.400	Lbs/MMBTU		TSP

Source Id	Source Description
1001	SPRAY BOOTHS

Emission Limit			Pollutant
19.600	Tons/Yr	based on a 12-month rolling period	Hazardous Air Pollutants
0.040	gr/DRY FT3		TSP
23.000	Tons/Yr	based on a 12-month rolling period	VOC

Source Id	Source Description
1002	METAL TANKS

Emission Limit			Pollutant
0.040	gr/DRY FT3		TSP

Source Id	Source Description
1004	RESEARCH & DEVELOPMENT

Emission Limit			Pollutant
20.000	Tons/Yr	12-month rolling basis.	CO
1.000	Tons/Yr	Single HAP, 12-month rolling basis.	Hazardous Air Pollutants
2.500	Tons/Yr	Total HAP, 12-month rolling basis.	Hazardous Air Pollutants
10.000	Tons/Yr	12-month rolling basis.	NOX
3.000	Tons/Yr	12-month rolling basis.	PM10
8.000	Tons/Yr	12-month rolling basis.	SOX
0.040	gr/DRY FT3		TSP
8.000	Tons/Yr	12-month rolling basis.	VOC

Source Id	Source Description
1010	EMERGENCY POWER GENERATORS (3) [GEN #1, #2, & #3]

Emission Limit			Pollutant
3.500	GRAMS/KW-Hr	755 HP generators.	CO
6.400	GRAMS/KW-Hr		NOx+NMHC
0.200	GRAMS/KW-Hr	755 HP generators.	TSP
0.540	GRAMS/KW-Hr	455 HP generator.	TSP

Site Emission Restriction Summary

Emission Limit			Pollutant
24.500	Tons/Yr	based on a 12-month rolling period	VOC
24.000	Tons/Yr	based on a 12-month rolling period (total HAP)	Hazardous Air Pollutants
9.900	Tons/Yr	based on a 12-month rolling period (single HAP)	Hazardous Air Pollutants

SECTION G. Emission Restriction Summary.

SECTION H. Miscellaneous.

a) The Capacity/Hour numbers listed on Page 5 and provided in Section D of this permit for individual sources are for informational purposes only and are not to be considered enforceable limits. Enforceable emission limits are listed in the Restriction section for each source. They are also summarized for informational purposes only in Section F.

b) Source ID: Department assigned ID number for the source
Source Name: Department assigned name for the source
Capacity: The maximum capacity for the source (not a limit)
Fuel/Material: The fuel/material assigned to SCC for the source
Schematics:
FML: Fuel material location
Comb: Combustion source
Proc: Process
CD: Control device
EP: Emission point
Pollutant:
HAPs: Hazardous Air Pollutants
TSP: Total Suspended Particulate
VOC: Volatile Organic Compounds

c) For the purpose of this plan approval, Source 1001 (Spray Booths) consists of the following:

1. Tackifier Booth - Dry Fabric Filter (1,600 cfm) (H401-1)
2. Chain on edge Spray Booth (Primer) - Dry Fabric Filter (4,000 cfm) (H401-4-1) with steam powered spray booth oven (H401-4-3)
3. Chain on edge Spray Booth (Covercoat) Dry Fabric Filter (4,000 cfm) (H401-4-2) with steam powered spray booth oven (H401-4-3)
4. [Removed]
5. Paint Spray Booth - Dry Fabric Filter (6,000 cfm) (H401-7) with electric powered oven (H900-1)
6. Ramco Solvent Wash & Rinse Booth - (1,500 cfm) (H401-8)
7. New Hand Spray Booth (Double Station) - Dry Fabric Filter (2,800 cfm) (H401-21) with ambient drying stations (H401-28 and H401-30)
8. New Hand Spray Booth (Single Station) - Dry Fabric Filter (1,600 cfm) (H401-22) with ambient dry station (H401-29)
9. [Void]
10. New Hand Spray Booth (Single Station) - Dry Fabric Filter (1,600 cfm) (H401-24) with ambient dry station (H401-29)
11. New Hand Spray Booth (Single Station) - Dry Fabric Filter (1,600 cfm) (H401-27) with ambient dry station (H401-29)
12. [Void]
13. New Paint Spray Booth (Double Station) - Dry Fabric Filter (2,800 cfm) (H900-39) with ambient dry station (H900-39-1)
14. Adhesive Dip Line (S17-15) with ambient drying station (S44-24)
15. Adhesive Rinse Tank (S17-16) with ambient drying station (S44-24)
16. Hand Spray Booth - Dry Fabric Filter (1,600 cfm) (S17-30-A) with electric powered drying oven (S17-19)
17. Clear Coat Spray Booth - Dry Fabric Filter (1,600 cfm) (S39-16-B) with electric powered drying oven (S45-6)
18. Spray Booth - Dry Fabric Filter (8,000 cfm) (S44-8) with ambient drying station (S44-24)
19. Binks Paint Booth #2 - Dry Fabric Filter (1,600 cfm) (REM-65) with electric powered drying oven (REM-67)
20. Binks Paint Booth #1 - Dry Fabric Filter (2,300 cfm) (REM-66) with electric powered drying oven (REM-67)
21. Paint Booth "A" - Dry Fabric Filter (8,000 cfm) (ROT-78) with electric powered oven "A" (ROT-76)
22. Spray Booth - Dry Fabric Filter (6,000 cfm) (TRM-58) with electric powered TRA bake oven (TRM-59)
23. Spray Booth (Silicone Area) - Dry Fabric Filters (6,400 cfm) with ambient drying station

d) For the purpose of this plan approval, Source 1002 (Metal Tanks) consists of the following:

1. Process Tank - Desmut Inhibited HCl (135 gallons) (H300-16-3) with Packed Bed Scrubber (16,000 cfm) (H300-22)
2. Process Tank - Acid Rinse (135 gallons) (H300-16-4a) with Packed Bed Scrubber (16,000 cfm) (H300-22)
3. Process Tank - SST Etch (135 gallons) (H300-16-5) with Packed Bed Scrubber (16,000 cfm) (H300-22)
4. Process Tank - Acid Rinse (135 gallons) (H300-16-6a) with Packed Bed Scrubber (16,000 cfm) (H300-22)
5. Process Tank - SNF Desmut Bath (135 gallons) (H300-16-7) with Packed Bed Scrubber (16,000 cfm) (H300-22)
6. Process Tank - Desmut Rinse (135 gallons) (H300-16-8a) with Packed Bed Scrubber (16,000 cfm) (H300-22)
7. Process Tank - Nitric/Hydrofluoric Acid (135 gallons) (H300-17-3) with Packed Bed Scrubber (16,000 cfm) (H300-22)
8. Process Tank - Acid Etch Rinse (135 gallons) (H300-17-4) with Packed Bed Scrubber (16,000 cfm) (H300-22)
9. HF Acid Dispensing Enclosure with pump (55 gallons) (H300-27-1) with Packed Bed Scrubber (16,000 cfm) (H300-22)
10. Chrome Plate Stripping Process (2 Tanks) (H300-28) with Packed Bed Scrubber (16,000 cfm) (H300-22)

SECTION H. Miscellaneous.

11. Waste Water Treatment System Local Ventilation (H300-35-1) with Packed Bed Scrubber (16,000 cfm) (H300-22)
12. Process Tank "E" (135 gallons) (H300-4-3) with Packed Bed Scrubber (16,000 cfm) (H300-22)
13. Process Tank "A" (135 gallons) (H300-4-4) with Packed Bed Scrubber (16,000 cfm) (H300-22)
14. Process Tank "B" (135 gallons) (H300-4-5) with Packed Bed Scrubber (16,000 cfm) (H300-22)
15. Process Tank - Nitric Acid Tap Rinse (135 gallons) (H300-4-6a) with Packed Bed Scrubber (16,000 cfm) (H300-22)
16. Process Tank - Sodium Dichromate (C/D) (135 gallons) (H300-4-7) with Packed Bed Scrubber (16,000 cfm) (H300-22)
17. Process Tank - Deoxidizer (135 gallons) (H300-5-3) with Packed Bed Scrubber (16,000 cfm) (H300-22)
18. Process Tank - Tap Rinse (135 gallons) (H300-5-4a) with Packed Bed Scrubber (16,000 cfm) (H300-22)
19. Process Tank - Alodine 1600 (135 gallons) (H300-5-5) with Packed Bed Scrubber (16,000 cfm) (H300-22)
20. Process Tank - Spray Tap Rinse (135 gallons) (H300-5-6) with Packed Bed Scrubber (16,000 cfm) (H300-22)
21. Alkaline Clean Process Tank (135 gallons) (H300-10-1)
22. Alkaline Clean Rinse Tank (135 gallons) (H300-10-2a)
23. Alkaline Clean Rinse Tank (135 gallons) (H300-10-2b)
24. Process Tank - Pickle (135 gallons) (H300-10-3)
25. Process Tank - Rinse (135 gallons) (H300-10-4a)
26. Process Tank - Phosphate (135 gallons) (H300-10-5)
27. Process Tank - Spray Tap Rinse (135 gallons) (H300-10-6)
28. Process Tank - Seal (135 gallons) (H300-10-7)
29. Alkaline Clean Process Tank (135 gallons) (H300-16-1)
30. Alkaline Clean Rinse Tank (135 gallons) (H300-16-2a)
31. Alkaline Clean Rinse Tank (135 gallons) (H300-16-2b)
32. Alkaline Clean Process Tank (135 gallons) (H300-17-1)
33. Hot Tap Rinse Tank (135 gallons) (H300-17-2a)
34. Hot Tap Rinse Tank (135 gallons) (H300-17-2b)
35. Alkaline Clean Process Tank (135 gallons) (H300-4-1)
36. Alkaline Clean Rinse Tank (135 gallons) (H300-4-2a)
37. Alkaline Clean Rinse Tank (135 gallons) (H300-4-2b)
38. Process Tank - Sodium Dichromate Tap Rinse (135 gallons) (H300-4-8a)
39. Process Tank - Sodium Dichromate Tap Rinse (135 gallons) (H300-4-8b)
40. Alkaline Clean Process Tank (135 gallons) (H300-5-1)
41. Alkaline Clean Rinse Tank (135 gallons) (H300-5-2a)
42. Alkaline Clean Rinse Tank (135 gallons) (H300-5-2b)
43. Rinse (135 gallons) (S16-19-54A) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
44. Deoxidizer (135 gallons) (S16-19-55) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
45. Acid Cleaner (135 gallons) (S16-19-58) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
46. Rinse (135 gallons) (S16-19-59A) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
47. Deoxidizer (135 gallons) (S16-19-60) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
48. Rinse (135 gallons) (S16-19-61A) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
49. Alodine 1600 (135 gallons) (S16-19-62) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
50. Spray Rinse (135 gallons) (S16-19-63) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
51. HF Acid Dispensing Enclosure with pump (55 gallons) (S16-19-90) with Packed Bed Scrubber (7,000 cfm) (S16-19-99)
52. Rinse (135 gallons) (S16-19-47A)
53. Sealer (135 gallons) (S16-19-48)
54. Rinse (135 gallons) (S16-19-49A)
55. Alodine 1600 (135 gallons) (S16-19-50)
56. Heated Rinse (135 gallons) (S16-19-52B)
57. Heated Rinse (135 gallons) (S16-19-52A)
58. Caustic Etch (135 gallons) (S16-19-53)
59. Rinse (135 gallons) (S16-19-56B)
60. Rinse (135 gallons) (S16-19-56A)
61. Alkaline Cleaner (135 gallons) (S16-19-57)

e) [Blank]

f) For the purpose of this plan approval, Source 1004 (Research & Development) consists of the following:

1. (CLAB 7011(JMP)) Fume Hood (Hamilton): 1,300 cfm vents outdoors
2. (CLAB1003-0) Fume Hood (Hamilton): 1,950 cfm vents outdoors
3. (CLAB1004-0) Electric Oven ("Blue M" model DC509FCDP) with Capture Hood (CLAB1004-B): vents outdoors

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4. (CLAB1005-0) Fume Hood (Hamilton): 1,950 cfm vents outdoors
5. (CLAB1006-0) Fume Hood (Hamilton): 1,950 cfm vents outdoors
6. (CLAB 7012 (JMP)) Fume Hood (Hamilton): 1,300 cfm vents outdoors
7. (CLAB1008-0) Fume Hood (Hamilton): vents outdoors
8. (CLAB 7013 (JMP)) Fume Hood (Hamilton): 1,300 cfm vents outdoors
9. (CLAB 1120-A) Flexible Exhaust Trunk: 120 cfm vents outdoors
10. (CLAB 2024-A) Flexible Exhaust Trunk: 200 cfm vents outdoors
11. (CLAB1015-0) Fume Hood (Hamilton): 1,950 cfm vents outdoors
12. [Void]
13. [Void]
14. [Void]
15. (CLAB1051-0) Electric Oven (Blue M-Lindberg model DC206FMP350) with Capture Hood (CLAB1051-A): 1,300 cfm vents outdoors
16. (CLAB1052-0) Electric Oven (Blue M-Lindberg model DC206FMP350): vents outdoors
17. (CLAB1053-0) Electric Oven (Blue M-Lindberg model DC206FMP350) with Capture Hood (CLAB1053-A): 1,300 cfm vents outdoors
18. (CLAB 7001 (JMP)) Fume Hood – Bench Top: 1,300 cfm vents outdoors
19. (CLAB 7002 (JMP)) Fume Hood – Bench Top: 1,300 cfm vents outdoors
20. (CLAB1057-0) Fume Hood – Bench Top: 1,933 cfm vents outdoors
21. [Void]
22. [Void]
23. [Void]
24. (CLAB2038-A) Flexible Exhaust Trunk: 200 cfm vents outdoors
25. [Void]
26. (CLAB1110-0) Fume Hood – Table Top: 1,950 cfm vents outdoors
27. (CLAB1113-0) KADY Mill (Kinetic Dispersion Corp model L761): vents outdoors
28. (CLAB1114-0) SAND Mill (Premier Mfg model HMC020): vents outdoors
29. (CLAB1124-0) Rubber Mill (Erie Mill & Press Co model 7706): vents outdoors
30. (CLAB1133-0) Hazardous Waste Staging Area with Exhaust (CLAB1133-A): vents outdoors
31. (CLAB 4053-A) Flexible Exhaust Trunk: 200 cfm vents outdoors
32. (CLAB1143-0) Electric Oven (Blue M-Lindberg model DC206F) with Capture Hood (CLAB1143-A): 1,300 cfm vents outdoors
33. [Void]
34. [Void]
35. (CLAB1150-0) Electric Oven (Blue M-Lindberg model DC206) with Capture Hood (CLAB1150-A): 1,219 cfm vents outdoors
36. (CLAB1151-0) Electric Oven (Blue M-Lindberg model DC206FGOP) with Capture Hood (CLAB1151-A): 1,300 cfm vents outdoors
37. (CLAB1152-0) Electric Oven (Blue M-Lindberg model DC206F) with Capture Hood (CLAB1152-A): 1,219 cfm vents outdoors
38. (CLAB1153-0) Electric Oven (Blue M-Lindberg model MP1506G) with Capture Hood (CLAB1153-A): 1,733 cfm vents outdoors
39. (CLAB1155-0) Spray Booth (Spray Systems Inc model Bench Booth): vents outdoors
40. [Void]
41. [Void]
42. (CLAB2010-0) Electric Oven (Thermal Product Solutions model DC-256-F-ST350 GOP) with Capture Hood (CLAB2010-A): 1,100 cfm vents outdoors
43. (CLAB2011-0) Electric Oven (Thermal Product Solutions model DC-256-F-ST350 GOP) with Capture Hood (CLAB2011-A): 1,100 cfm vents outdoors
44. (CLAB2013-0) Fume Hood – Bench Top (Labconco): 2,031 cfm vents outdoors
45. [Void]
46. [Void]
47. (CLAB2034-0) KADY Mill (Kinetic Dispersion Corp model L761): vents outdoors
48. (CLAB2040-0) Electric Oven (Despatch model LFD1-L42-2): vents outdoors
49. (CLAB2041-0) Electric Oven (Despatch model LFD1-L42-2): vents outdoors
50. (CLAB2042-0) Electric Oven (Despatch model LFD1-L42-2): vents outdoors
51. (CLAB 7003(JPM)) Fume Hood: 1,750 cfm vents outdoors
52. (CLAB2049-0) Spray Booth: vents outdoors
53. (CLAB 7007(JMP)) Fume Hood – Bench Top (Labconco): 1,750 cfm vents outdoors
54. (CLAB2072-0) Electric Oven (TPS-Blue M model HS1002F): vents outdoors
55. (CLAB2073-0) Electric Oven (Blue M model POM7-206C-2X): vents outdoors
56. (CLAB2079-0) Fume Hood: 900 cfm vents outdoors
57. (CLAB 7014(JPM)) Fume Hood: 1,750 cfm vents outdoors

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58. (CLAB3037-0) Xtraction (Mars): vents outdoors
59. (CLAB3040-0) ICP Spectrometer (Thermo Scientific model icap 6000 series): vents outdoors
60. [Void]
61. [Void]
62. [Void]
63. (CLAB 7004 (JMP)) Fume Hood: 1,750 cfm vents outdoors
64. [Void]
65. [Void]
66. (CLAB3104-0) Vacuum Pump: vents outdoors
67. (CLAB3106-0) Fume Hood (Hamilton model SafeAire): 1,400 cfm vents outdoors
68. (CLAB3109-0) Fume Hood (Hamilton model SafeAire): 1,000 cfm vents outdoors
69. (CLAB3112-0) Electric Oven (Blue M model SN16X17690): vents outdoors
70. [Void]
71. (CLAB3119-0) Fume Hood (Hamilton model SafeAire): 1,000 cfm vents outdoors
72. (CLAB3127) Electric Oven (Despatch model LFD142): vents outdoors
73. (CLAB7008 (JMP)) Fume Hood (Hamilton model SafeAire): 1,750 cfm vents outdoors
74. (CLAB3143-0) Fume Hood (Hamilton model SafeAire): 1,400 cfm vents outdoors
75. [Void]
76. (CLAB4001-0) Electric Oven (Blue M) with Capture Hood (CLAB4001-A): 1,110 cfm vents outdoors
77. [Void]
78. (CLAB 7016-0) Sumitomo Plastic Injection Press Model # SE100EV with Exhaust Trunk (CLAB4007-C): 120 cfm vents outdoors
79. [Void]
80. [Void]
81. (CLAB4026-0) Fume Hood (Labconco): 1,000 cfm vents outdoors
82. (CLAB4028-0) Electric Oven (Blue M model DC256FMP350GOP) with Capture Hood (CLAB4028-A): 325 cfm vents outdoors
83. [Void]
84. [Void]
85. (CLAB4033-0) Electric Oven (Blue M model DC206F): vents outdoors
86. (CLAB4040-0) Spray Booth) (DeVilbiss): vents outdoors
87. (CLAB4041-0) Electric Oven (Blue M model DC256C) with Capture Hood (CLAB4041-A): 1,110 cfm vents outdoors
88. (CLAB4042-0) Electric Oven (Blue M model DC256C) with Capture Hood (CLAB4042-A): 1,110 cfm vents outdoors
89. [Void]
90. (CLAB 7005 (JMP)) Fume Hood: 1,750 cfm vents outdoors
91. [Void]
92. (CLAB 7006 (JMP)) Fume Hood: 1,750 cfm vents outdoors
93. (CLAB4057-0) Fume Hood (Labconco): 700 cfm vents outdoors
94. (CLAB4059-0) Electric Oven (Blue M model DC206FGOP) with Capture Hood (CLAB4059-A): 948 cfm vents outdoors
95. (CLAB4060-0) Electric Oven (Blue M model POM7206C): vents outdoors
96. (CLAB4072-0) Dust Collector (Torit): 1,243 cfm vents outdoors – controls band saw and drill press
97. (CLAB4080-0) Compression Press (Wabash model 30-1515-27-MB) with Capture Hood (CLAB4080-A): 677 cfm vents outdoors
98. (CLAB4081-0) Flexible Exhaust Trunk (Plymovent): vents outdoors
99. [Void]
100. [Void]
101. [Void]
102. (CLAB6014-0) Constant High Temp Oil Bath (Blue M) with Capture Hood (CLAB6014-A): 867 cfm vents outdoors
103. (CLAB6015-0) Electric Oven (Thelco model 160DM): vents outdoors
104. (CLAB6016-0) Electric Oven (Thelco model 160DM): vents outdoors
105. (CLAB6017-0) Electric Oven (Despatch model LAC1-38A-6): vents outdoors
106. (CLAB6018-0) Electric Oven (Thelco model 51221157): vents outdoors
107. (CLAB6019-0) Electric Oven (Thelco model 51221157): vents outdoors
108. (CLAB6020-0) Electric Oven (Blue M model OV-500C-3X): vents outdoors
109. (CLAB6021-0) Electric Oven (Blue M model OV-500C-3X-GOP): vents outdoors
110. (CLAB6022-0) Electric Oven (Blue M model MQ1490A): vents outdoors
111. (CLAB6024-0) Electric Oven (Blue M model MQ1506G GOP): vents outdoors
112. [Void]
113. (CLAB6028-0) Flexible Exhaust Truck (Extract All): vents outdoors
114. (CLAB6062-0) Fume Hood (Labconco): 1,100 cfm vents outdoors
115. (CLAB6063-0) Fume Hood (Labconco): 1,100 cfm vents outdoors

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116. (CLAB6071-0) Spray Booth (Binks): vents outdoors
117. [Void]
118. (CLAB6094-0) Compression Press (Wabash model G100H-19R2.5ASTVBX) with Flexible Exhaust Trunk (CLAB6094-B): vents outdoors
119. (CLAB6095-0) Compression Press (Wabash model V100H-18BCBX) with Flexible Exhaust Trunk (CLAB6095-B): vents outdoors
120. (CLAB6096-0) Compression Press (Wabash model G50H-19-R2.5-A STM-BLPX) with Flexible Exhaust Trunk (CLAB6096-B): vents outdoors
121. (CLAB6105-0) Silica Weighing Hood, (Colmec CTM25) New Silicone Rubber mixer, (CLAB6106-B) Vacuum Pump, (CLAB6107-0) Silicone Rubber 2-Roll Mill, (CLAB6107-A) Capture Hood, (CLAB6126-0) Black Rubber 2-Roll Mill, (CLAB6126-E) Capture Hood, (HF Mixing Lab F 0101291/2016) New Mixer, (CLAB6129-0) Carbon Black Weighing Hood with (MR-DC1) Dust Collector for Lab Rubber Mills/Mixer: 10,300 cfm vents outdoors
122. (CLAB6138-0) Corrosion Test Chamber (Auto Technologies): vents outdoors
123. (CLAB 1170-0) Batch Mill - Basket Mill (CMC model 100): vents outdoors
124. [Void]
125. (8k Shaker-001) 8K Shaker & Slip Table (Unholtz-Dickie model H560B) and (8k Shaker-005) 8k Blower: 2,200 cfm vents outdoors
126. (3k Shaker-001) 3K Shaker & Slip Table (Ling Dynamics System) and (3k Shaker-004) 3k Blower: 2,200 cfm vents outdoors
127. (ChillSys-XX) Cooling Tower for Mech Lab Hydraulic System – 300 ton: vents outsides
128. (CLAB4093-0) Bench Scale Induction Heating Unit (GH Induction Atmospheres); vents outdoors
129. (CLAB4094-0) Electric Oven (Blue M model HS-362-F); vents outdoors
130. (CLAB4034-A) Rep Press; 200 cfm vents outdoors
131. (CLAB4035-A) Rep Press; 200 cfm vents outdoors
132. (CLAB4092-A) Wabash Press; 150 cfm vent outdoors
133. (CLAB7010-A) Tung Yu Press; 200 cfm vents outdoors
134. (CLAB7010-B) Tang Yu Press: 200 cfm vents outdoors
135. (CL1110.1) floor sweep exhaust: 715 CFM vents outdoors
136. Nordson Asymtek Precision Coating Machine, vents outdoors [0.09 tpy VOC, 0.09 tpy HAP]

g) For the purpose of this plan approval, the following sources do not require a plan approval:

Source [Reason for Exemption]
Fugitive Emissions - Stage 3 Churn Room [VOC emissions ~ 0.165 tpy]
Fugitive Emissions - Stage 1 & 2 Churn Room [VOC emissions ~ 0.165 tpy]
(H200-1) Universal Blast Model 36DH Machine 80 grit – Titanium/SST with Media Collection Cyclone (H200-1-1) & LVN RotoClone (H200-1-2): vents indoors [Vented indoors]
(H200-2) Universal Blast Model 36DH Machine 180 grit – Titanium/SST with Media Collection Cyclone (H200-2-1) & LVN RotoClone (H200-2-2): vents indoors [Vented indoors]
(H200-3) Blast Works Blaster with Grit Hopper (H200-3-2), Dust Collector (H200-3-3), Cyclone (H200-3-4), & Dust Collector Polishing Filter (H200-3-5): 3,000 cfm vents outdoors [25 PA Code 127.14(a)(8) #2]
(H200-4) Blast Works Blaster with Grit Hopper (H200-4-2), Dust Collector (H200-4-3), Cyclone (H200-4-4), & Dust Collector Polishing Filter (H200-4-5): 3,000 cfm vents outdoors [25 PA Code 127.14(a)(8) #2]
(H200-10) Plastic Bead Blast (Empire model PF3648): vents indoors [Vented indoors]
(H200-11) Blast Cabinet – 80 grit Aluminum (Blast-it-all model Special Blast System) with Dust Collector (H200-11-1): vents indoors [Vented indoors]
(H200-12) Blast Cabinet – 80 grit SST (Empire model PF3648) with Dust Collector (H200-12-1): vents indoors [Vented indoors]
(H200-13) Blast Cabinet – 80 grit SST (Empire model PF3648) with Dust Collector (H200-13-1): vents indoors [Vented indoors]
(H300-2-1) Midbrook Hurricane Cleaner with Blower exhaust (H300-2-2): 4,850 cfm vents outdoors [Alkaline, no VOC/HAPs, water vapor only]
(H300-26-2) Lab Exhaust Hood: vents outdoors [VOC emissions ~ 35 #/yr]
(H300-26-4)Atomic Absorption Spectrometer (Perkin Elmer model 1100B): vents outdoors [25 PA Code 127.14(a)(8) #24]
(H300-34-1) Salt Fog Test Chamber (Singleton model SCCH4X21): vents outdoors [No VOC/HAPs]
(H300-36-1) Chemical Dispensing Area local ventilation: vents outdoors controls aqueous chemical dispensing area [No VOC/HAPs]
(H400-9) Solvent Reclaimer – Explosion Proof (Hedson Technology model 10600): vents indoors [Vented indoors]
(H600-2) Plastic Grit Blaster (Trinco model Bp2) with Dust Collector (H600-2-1): vents indoors [Vented indoors]
(H600-3) Plastic Grit Blaster (Trinco model 400pt) with Dust Collector (H600-3-1): vents indoors [Vented indoors]
(H600-9) Baldor Grinder Stations with Dust Collector (H600-9-1): vents indoors [Vented indoors]
(H600-13) Water Honer (Wet Technologies model WT36SS): vents outdoors [Emits only water vapor]

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(H700-7) Electric Oven (Grieve model NBS 400): vents outdoors [No VOC/HAPs]
(H700-10) Electric Oven (Grieve model NBS 400): vents outdoors [No VOC/HAPs]
(H700-42) Electric Oven (Despatch): vents outdoors [No VOC/HAPs]
(H700-43) Electric Oven – additional pre-heat oven (Grieve model NBS 400): vents outdoors [No VOC/HAPs]
(H700-45) Electric Post Bake Oven (Grieve model 333): vents outdoors [No VOC/HAPs and <0.01 tpy PM]
(H900-6) Cleaning Station (Flow Sciences): 2,000 cfm vents outdoors [25 PA Code 127.14(a)(8) #30]
(H1100-2) Electric Oven (Despatch model LBB 2-27-1): 14 cfm vents outdoors [No VOC/HAPs]
(H1100-7) Electric Walk-in Oven (Grieve model WRH446-500): 300 cfm vents outdoors [No VOC/HAPs]
(S2-3) Electric Post Bake Oven (Grieve model AA-500): vents outdoors [VOC emissions ~ 0.132 tpy]
(S2-4) Electric Post Bake Oven (Grieve model AA-500): vents outdoors [VOC emissions ~ 0.132 tpy]
(S2-8) Dynamic Test Shaker (Unholtz-Dickie Corp) with cooling shaker exhaust (S2-8C): 80 cfm vents outdoors [No VOC/HAPs]
Steam powered Hurricane Cleaner (Midbrook): vents outdoors [Heated alkaline, no VOC/HAPs]
(S18-3) Blast Cabinet (Empire – Special Blast System) with Dust Collector (S18-3A): vents indoors [Vented indoors]
(S18-5) Geoff Tumble Blaster: vents indoors [Vented indoors]
(S19-2) Cleaning Station, Drill Press (S19-2A), Grinder (S19-2B) with Dust Collector (S19-2C) : vents indoors [Vented indoors]
(S19-3) Cleaning Station, Drill Press (S19-3A), Grinder (S19-3B) with Dust Collector (S19-3C): vents indoors [Vented indoors]
(S19-4) Cleaning Station, Drill Press (S19-4A), Drill Press (S19-4B), Twister Speed Lathe (S19-4C) with Dust Collector (S19-4D): vents indoors [Vented indoors]
(S20-3) Electric Post Bake Oven (Grieve model AB-500): vents outdoors [VOC emissions ~ 0.132 tpy]
(S20-4) Electric Post Bake Oven (Despatch model V-1-4): vents outdoors [VOC emissions ~ 0.132 tpy]
(S23-1) Electric Post Bake Oven (Grieve model HB-650): vents outdoors [VOC emissions ~ 0.132 tpy]
(S39-17) Water Hone: vents outdoors [Emits only water vapor]
(S45-1) Electric Oven #1 (100# max) (Grieve model Modified HY-500): 444 cfm vents outdoors [VOC emissions ~ 0.132 tpy]
(S45-2) Electric Oven #2 (100# max) (Grieve model Modified HY-500): 444 cfm vents outdoors [VOC emissions ~ 0.132 tpy]
(S45-4) Electric Oven #3 (108# max) (Grieve model Modified HB-500): 444 cfm vents outdoors [VOC emissions ~ 0.132 tpy]
(S45-5) Electric Oven #4 (108# max) (Grieve model Modified HB-500): 444 cfm vents outdoors [VOC emissions ~ 0.132 tpy]
(S45-7) Electric Oven #6 (49# max) (Despatch model VRC2-19-1E): 444 cfm vents outdoors [VOC emissions ~ 0.066 tpy]
(S45-8) Electric Oven #7 (49# max) (Despatch model VRC2-19-1E): 444 cfm vents outdoors [VOC emissions ~ 0.066 tpy]
(S45-2-1) Electric Oven #8 (100# max) (Grieve model Modified HY-500): 444 cfm vents outdoors [VOC emissions ~ 0.132 tpy]
(S46-1) Vacuum Pump (Busch 180 cfm): 180 cfm vents outdoors [No VOC/HAPs]
(SAL-26) Plasma Cutter (ESAB model Powercut 1300): 500 cfm vents outdoors [0.03 tpy HAP, 0.11 tpy PM, 0.04 tpy NOx]
(S26-4) Silicone Mixer (Baker Perkins): 4,000 cfm vents indoors [Vented indoors]
(S27-1) 30” Mill (EEMCO): 1,500 cfm vents outdoors [No VOC/HAPs]
(S28-1) 16” Freshen Mill (EEMCO): 500 cfm vents outdoors [No VOC/HAPs]
(SAL-48) Empire Hand Blaster (Empire model FS-3648) with Torit Donaldson DFO3-10 Dust Collector (SAL-49); 3,760 cfm, vents outdoors [7.4 #/yr Cd, 86 #/yr Cr, 35.6 #/yr Pb]
(SAL-50) Empire Hand Blaster (Empire model FS-3648) with Torit Donaldson DFO3-10 Dust Collector (SAL-49); 3,760 cfm, vents outdoors [7.4 #/yr Cd, 86 #/yr Cr, 35.6 #/yr Pb]
(SAL-55) Water Hone (Wet Technology): vents indoors [Emits water vapor only]
(REM-75) Preheat Oven (Grieve): vents outdoors [No VOC/HAPs]
(REM-76) Despatch Oven: vents outdoors [No VOC/HAPs]
(REM-79) Empire Blaster with Empire Dust Collector (REM-80): vents indoors [Vented indoors]
(REM-81) Powder Coat Booth: vents indoors [Vented indoors]
(FLU-41) Grit Blaster (Trinco model BP2): vents indoors [Vented indoors]
(FLU-42) Grieve Oven (Grieve model 323): vents outdoors [No VOC/HAPs]
(FLU-43) Dissolvable Core Furnace (Trent): vents outdoors [No VOC/HAPs]
(OVH-74) Plastic Bead Blaster (Trinco model 24/BP) with Torit Donaldson DFO3-10 Dust Collector (SAL-49); 3,760 cfm, vents outdoors [7.4 #/yr Cd, 86 #/yr Cr, 35.6 #/yr Pb]
(OVH-75) Grit Blaster (Trinco model 24/BP): vents indoors [Vented indoors]
(SH-6) Belt Sander (Timesavers model 2200) with Wet Dust Collector (SH-6-1): vents indoors [Wet dust collector vented indoors]
(SH-7) Grinder/Sander (Allen-Bradley model B-Line) with Dust Collector (SH-8): vents indoors [Vented indoors]
(SH-10) 1” Belt Sander, (SH-11) Grinder, (SH-12) 1” Belt Sander with Exhaust Motor/Dust Collector (Aget model 2031) (SH-9): vents indoors [Vented indoors]
(SH-20) Parts Washer (American Metal Wash model 900-2): 10 cfm vents indoors [Heated alkaline, no VOC/HAPs]
(TRM-Various) CNC Lathes/Mills with mist collectors (~ 14): vents indoors [Coolant mist collectors vented indoors]
(TRM-101) Dust/Mist Collection Exhaust fan for grinders/EDM: vents indoors [Vented indoors]
(TRM-61) Glass Bead Blaster (Maxi-Blast model MBB6060/DC200) with Dust Collector (TRM-61-1): vents indoors [Vented indoors]
(TRM-62) Plastic Bead Blaster: vents indoors [Vented indoors]
(PB-3-4) Portable Dust Collector (Airflow): vents indoors controls intermittent hand-held grinding operations [Vented indoors]

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(PB-11 & PB-JG-1) CNC Lathes with mist collectors (2): vents indoors [Coolant mist collectors vented indoors]
(PB-23) Bench Grinder (US Electrical) and (PB-24) Belt Sander with Dust & Mist Collector (PB-33-2): vents indoors [Dust/mist collector vented indoors]
(PB-JG-3) Jig Grinder (Moore model 450 series) with Dust & Mist Collector (PB-JG-3-1): vents indoors [Dust/mist collector vented indoors]
(MR59) 50” Blending Mill/Stock Blender (Farrel model 5782) and (MRNew2) 60” Blending Mill/Stock Blender, and (New4) 24” Mill for 5 liter mixer: 4,000 cfm vents outdoors [No VOC/HAPs]
(MR67) Scale, (MR155) Scale - lbs, (MR156) Scale - grams, (MRNew 21) Oven, (MRNew8) 5 liter intermesh mixer, (MRNew9) 20 liter intermesh mixer, (MRNew12) Scale, (MRNew?) Bag Compactor with Dust Collection/Exhaust/Filtration (MRDC2): 6,135 cfm vents indoors [Vented indoors]
(Ose-m-64-11) Burn Table Exhaust: 6,005 cfm vents indoors [Vented indoors]
(Ose-m-64-12) S. Wall Weld Snorkle (Ruemelin): 560 cfm vents outdoors [Trivial Activities #18]
(Ose-m-65-1) Battery Charger (Basil model SR4803): vents indoors [Trivial Activities #23]
(Ose-m-65-2) Battery Charger (Basil model SR4803): vents indoors [Trivial Activities #23]
(Ose-m-65-3) Battery Charger (Basil model SR4803): vents indoors [Trivial Activities #23]
(Ose-m-65-4) Battery Charger (C&D Auto Reg): vents indoors [Trivial Activities #23]
(Ose-m-65-5) Battery Charger (Signature): vents indoors [Trivial Activities #23]
(NPI-PR-13) Oven: vents outdoors [No VOC/HAPs]
(REM-123) Cadmium Plating Booth (GFS Model ENCG-100404) [RFD #4690]
(REM-124) Downdraft Table (Diversitech Model DD-2x4-WGD) [RFD #4690]
(CLAB1147-0) Boiling Water Bath - small (North Coast Tool) with Steam Capture Hood (CLAB1147-B): 600 cfm vents outdoors
(CLAB1149-0) Boiling Water Bath - large (North Coast Tool) with Steam Capture Hood (CLAB1149-A): 600 cfm vents outdoors
(CLAB4087-0) Corrosion Test Chamber (Singleton model SCCH-22): vents outdoors
(CLAB 7017-0) Corrosion Test Chamber (Auto technology model #410): vents outdoors
(CLAB2045) Electric Humidity-Controlled Oven ("Blue M" Humid Flow): 200 CFM vents outdoors
(CLAB2066) Corrosion Test Chamber (Singleton Model SCCH-22): 250 cfm vents outdoors
(CLAB2067) Cyclical Test Chamber (Singleton Model CCT-42): 250 cfm vents outdoors
(CLAB4089) Corrosion Test Chamber (Auto Technologies Model 410) 200 cfm vents outdoors
(CLAB6142) Test Chamber (Cincinnati Model Sub-Zero): 250 cfm vents outdoors

(h) This permit was administratively amended on December 13, 2017 to incorporate the change of responsible official and permit contact.

(i) This permit was administratively amended on May 4, 2022 to incorporate the change of responsible official.

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