



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

**STATE ONLY NATURAL MINOR OPERATING PERMIT**

Issue Date: March 10, 2026

Effective Date: March 10, 2026

Expiration Date: February 28, 2031

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: 32-00227**

Natural Minor

Federal Tax Id - Plant Code: 25-0741690-1

**Owner Information**

Name: INTEGRATED POWER SVC  
Mailing Address: 4470 LUCERNE RD  
INDIANA, PA 15701-9498

**Plant Information**

Plant: INTEGRATED POWER SERVICES/INDIANA  
Location: 32 Indiana County 32937 White Township  
SIC Code: 7694 Services - Armature Rewinding Shops

**Responsible Official**

Name: RYAN BAILEY  
Title: AREA GENERAL MGR  
Phone: (724) 479 - 9066 Email: rybailey@ips.us

**Permit Contact Person**

Name: MIKE RAMSELL  
Title: HSE MGR  
Phone: (724) 479 - 5217 Email: mikeramsell@ips.us

[Signature] \_\_\_\_\_  
LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



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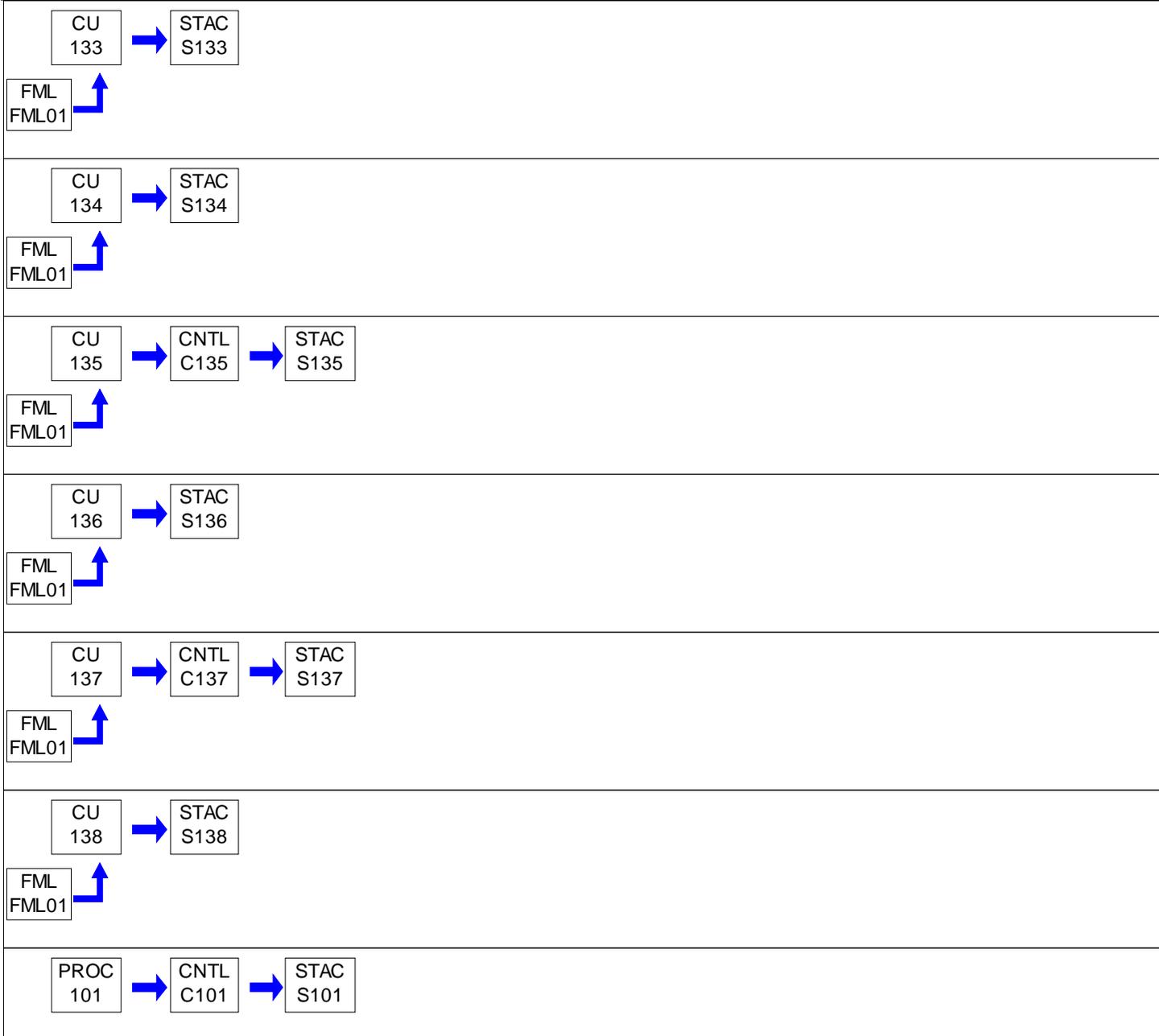
### **Section H. Miscellaneous**

**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
133	BAYCO LARGE BAKE OVEN	1.000 MMBTU/HR	
		1.000 MCF/HR	Natural Gas
134	STEELMAN BAKE OVEN (LARGE SHOP)	1.500 MMBTU/HR	
		1.500 MCF/HR	Natural Gas
135	STEELMAN LARGE BURN OFF OVEN (LARGE SHOP)	3.560 MMBTU/HR	
		3.560 MCF/HR	Natural Gas
136	STEELMAN BAKE OVEN (MIDDLE SHOP)	0.400 MMBTU/HR	
		0.400 MCF/HR	Natural Gas
137	STEELMAN SMALL BURN OFF OVEN (MIDDLE SHOP)	4.820 MMBTU/HR	
		4.820 MCF/HR	Natural Gas
138	STEELMAN BAKE OVEN (GE SHOP)	0.400 MMBTU/HR	
		0.400 MCF/HR	Natural Gas
101	SANDBLASTER	35.090 Lbs/HR	SAND ABRASIVE
102	MEDIUM AND LARGE SHOP PAINT BOOTHS	1.194 Lbs/HR	SURFACE COATING
103	RESIN USAGE	3.061 Lbs/HR	RESIN
104	MISCELLANEOUS NATURAL GAS USAGE	6.090 MMBTU/HR	
		6.090 MCF/HR	Natural Gas
139	STEELMAN BAKE OVEN (DRYING OVEN GE SHOP)	0.400 MMBTU/HR	
		0.400 MCF/HR	Natural Gas
140	STEELMAN BURNOFF OVEN GE SHOP	1.500 MMBTU/HR	
		1.500 MCF/HR	Natural Gas
141	PARTS WASHERS	N/A	SAFETY-KLEEN
142	PAINT BOOTH (GE)	0.180 Lbs/HR	SURFACE COATING
C101	SANDBLASTER DUST COLLECTOR #DC2		
C102A	MEDIUM SHOP PAINT BOOTH FILTERS		
C102B	LARGE SHOP PAINT BOOTH FILTERS		
C135	STEELMAN LARGE BURN OFF AFTERBURNER		
C137	STEELMAN SMALL BURN OFF AFTERBURNER		
C140	STEELMAN BURNOFF OVEN (GE SHOP) AFTERBURNER		
C142	PAINT BOOTH FILTER		
FML01	NATURAL GAS PIPELINE		
S101	SHOTBLASTING STACK		
S102A	MEDIUM SHOP PAINT BOOTH STACK		
S102B	LARGE SHOP PAINT BOOTH STACK		
S104	MISCELLANEOUS NATURAL GAS USAGE STACK		
S133	BAYCO DRYING OVEN EXHAUST		
S134	STEELMAN OVEN EXHAUST		
S135	STEELMAN LARGE BURN OFF EXHAUST		
S136	STEELMAN BAKE OVEN STACK		
S137	STEELMAN SMALL BURN OFF STACK		

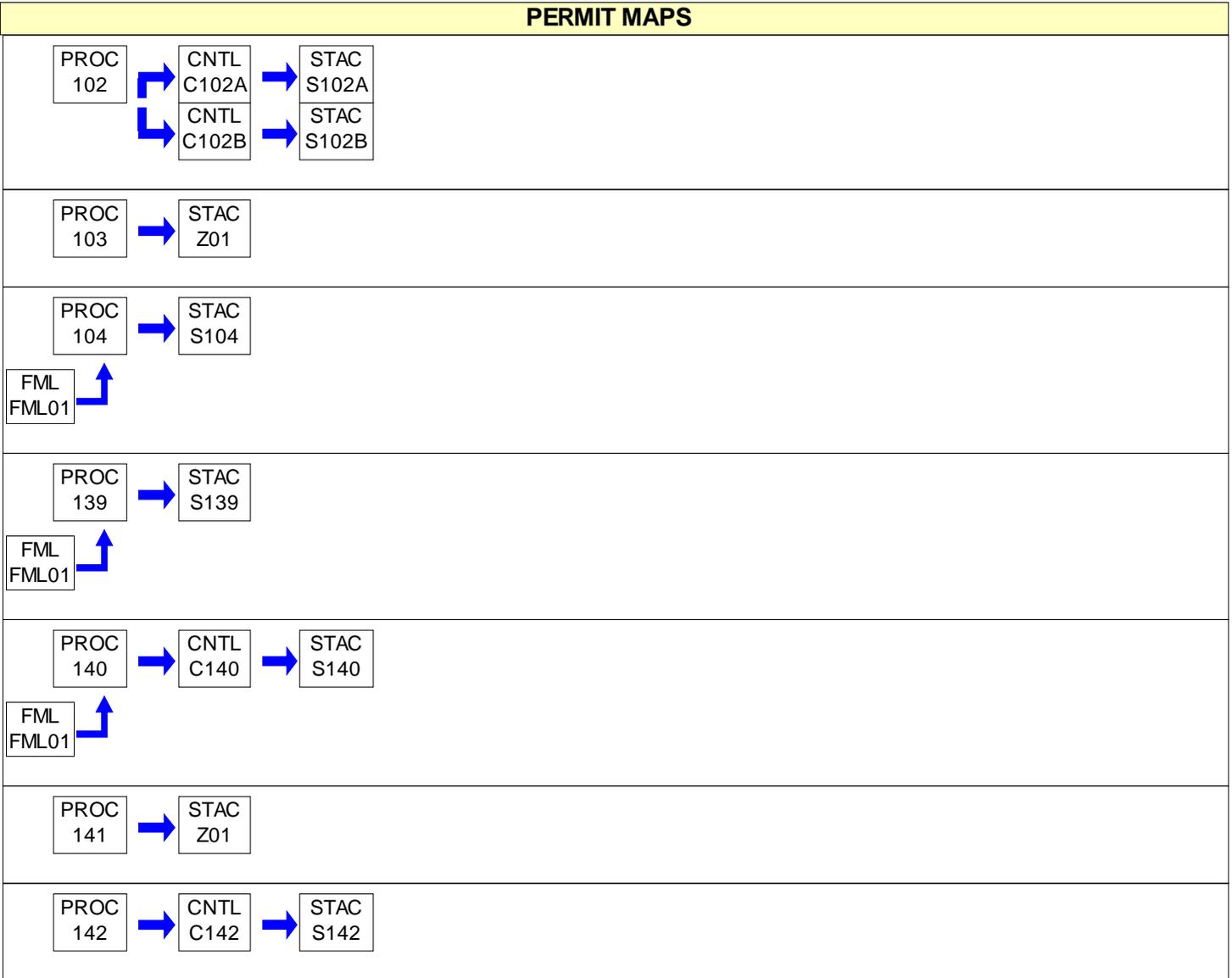
**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
S138	STEELMAN BAKE OVEN STACK (GE SHOP)		
S139	DRYING OVEN GE SHOP STACK		
S140	STEELMAN BURNOFF OVEN (GE SHOP) STACK		
S142	PAINT BOOTH STACK		
Z01	FUGITIVE VOC		

**PERMIT MAPS**



### PERMIT MAPS



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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

- (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:

- (1) Enforcement action

**SECTION B. General State Only Requirements**

(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:

(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

**SECTION B. General State Only Requirements**

precluded by the Clean Air Act or its regulations.

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

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

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

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

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

**#013 [25 Pa. Code § 127.449]****De Minimis Emission Increases.**

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General State Only Requirements**

- (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)
- (6) Section 127.462 (relating to minor operating permit modifications)
- (7) Subchapter H (relating to general plan approvals and general operating permits)

**SECTION B. General State Only Requirements****#015 [25 Pa. Code § 127.11a]****Reactivation of Sources**

- (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 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.

**SECTION B. General State Only Requirements****#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.

**#023 [25 Pa. Code § 121.7]****Prohibition of Air Pollution**

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

**SECTION B. General State Only Requirements****#024 [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.

**#025 [25 Pa. Code §135.4]****Report Format**

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

**SECTION C. Site Level Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(a) No person may permit the emission into the outdoor atmosphere of a 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.
  - (ii) The emissions are not preventing or interfering with the attainment or maintenance of an 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, characteristics 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]

**# 002 [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.

**# 003 [25 Pa. Code §123.31]****Limitations**

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

**SECTION C. Site Level Requirements**

(c) [Does not apply]

**# 004 [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.

**# 005 [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]

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.****# 006 [25 Pa. Code §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 devices approved by the Department.

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

The Owner/Operator shall conduct a daily inspection of the facility during normal business work days while the facility is operating. The purpose of the inspection is to detect one of the following:

- (a) The presence of visible emissions. Plant personnel who observe visible emissions may make arrangements for a certified observer to take readings of the visible emissions within 24 hours of discovery.
- (b) The presence of fugitive visible emissions beyond the plant boundaries as stated in Section C, Condition #003, above.
- (c) The presence of malodorous air emissions beyond the plant boundaries as stated in Section C, Condition #004, above.

**SECTION C. Site Level Requirements****IV. RECORDKEEPING REQUIREMENTS.****# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of all solvents used for clean-up activities at the facility. At a minimum, the permittee shall maintain monthly records of the amount of solvent used. The records shall be maintained for 5 years and shall be submitted to the Department upon request.

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

The Owner/Operator shall maintain a record of all malodor, visible emission and fugitive emission surveys performed. The records shall include the date, time, name and title of the observer, whether visible emissions, fugitive emissions or malodors were observed and any corrective action. Records shall be kept on-site for a minimum of five years.

**V. REPORTING REQUIREMENTS.****# 010 [25 Pa. Code §127.442]****Reporting requirements.**

(a) The owner or operator shall report to the Department each malfunction that occurs at this facility. For purposes of this condition, a malfunction means any failure to operate air pollution control equipment and/or process equipment in a normal or usual manner, consistent with good operating practices and the conditions of this authorization.

(b) When the malfunction may immediately impact public health and safety or the environment or when it is reasonable to believe that the malfunction may result in citizen complaints, the notification shall be made to the Department by telephone no later than one hour after discovery of the incident. The telephone number in subpart (f), below, shall be used to report the malfunction. Examples of malfunctions that may result in citizen complaints include, but are not limited to: unusually large dust plumes, heavy smoke, or a spill or release that results in a malodor that is detectable outside the property of the person on whose land the source is being operated.

(c) The notice shall describe the following:

- (i) Name and location of the facility;
- (ii) Nature and cause of the malfunction;
- (iii) Time when the malfunction or breakdown was first observed;
- (iv) Expected duration of excess emissions and the malfunction; and
- (v) Estimated rate of emissions.

(d) The owner or operator shall immediately notify the Department by telephone when corrective measures have been accomplished. The telephone number in subpart (f), below, shall be used to report the completion of corrective measures

(e) Malfunctions that do not appear to be likely to pose a danger to public health and safety or the environment or will not in citizen complaints shall be reported within 24 hours or on the next business day. The telephone number in subpart (f), below, shall be used to report the malfunction.

(f) Malfunctions shall be reported to the Department at the following address and telephone number:

PA DEP, Northwest Regional Office  
Air Quality Program  
230 Market St.  
Meadville, PA 16335  
(814) 332-6940

**# 011 [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 preceding 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

**SECTION C. Site Level Requirements**

source report with 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.****# 012 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

[From 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.

**# 013 [25 Pa. Code §123.31]****Limitations**

[From 25 Pa. Code § 123.31(a):]

(a) Limitations are as follows:

(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.

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

The permittee shall keep all solvent containers closed at all times unless filling, draining or performing cleanup operations.

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

The permittee shall keep all solvent laden shop towels in a closed container when not in use.

**VII. ADDITIONAL REQUIREMENTS.****# 016 [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:

**SECTION C. Site Level Requirements**

(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:

(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).

(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 that chapter.

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

**VIII. COMPLIANCE CERTIFICATION.**

**SECTION C. Site Level Requirements**

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: 133

Source Name: BAYCO LARGE BAKE OVEN

Source Capacity/Throughput: 1.000 MMBTU/HR

1.000 MCF/HR Natural Gas

Conditions for this source occur in the following groups: G01

**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: 134

Source Name: STEELMAN BAKE OVEN (LARGE SHOP)

Source Capacity/Throughput: 1.500 MMBTU/HR

1.500 MCF/HR Natural Gas

Conditions for this source occur in the following groups: G01

**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: 135

Source Name: STEELMAN LARGE BURN OFF OVEN (LARGE SHOP)

Source Capacity/Throughput:

3.560 MMBTU/HR

3.560 MCF/HR

Natural Gas

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

The operation of this burn off oven shall not at any time result in the emission of particulate matter emissions in excess of 0.02 gr/dscf corrected to 12% CO<sub>2</sub>.

[General Permit GP-4-32-00227, condition #19(a)(ii).]

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

Sulfur compound emissions from this source shall not exceed 500 parts per million, by volume, dry basis as specified in 25 Pa. Code Section 123.21.

[General Permit GP-4-32-00227, condition #19(c).]

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

If, at any time, the Department has cause to believe that air contaminant emissions from a burn off oven covered by this General Permit are in excess of the limitations specified in, or established pursuant to, any applicable regulation contained in 25 Pa. Code, Subpart C, Article III, the permittee shall conduct tests deemed necessary by the Department to determine the actual emission rate(s).

The permittee shall perform such testing in accordance with applicable provisions of 25 Pa. Code Chapter 139 (relating to sampling and testing) and in accordance with any restrictions or limitations established by the Department at the time the permittee is notified, in writing, of the testing requirement.

[General Permit GP-4-32-00227, condition #7.]

**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 §127.441]****Operating permit terms and conditions.**

The permittee shall, upon Department request, provide fuel analysis, or fuel samples, of the fuel used in the burn off oven. The permittee shall install, maintain, and operate a temperature indicator and recorder to measure and record the temperature in the secondary chamber of the burn off oven.

**SECTION D. Source Level Requirements**

Records shall be kept for a period of five (5) years and shall be made available to the Department upon request.

[General Permit GP-4-32-00227, condition #8.]

**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 §127.441]****Operating permit terms and conditions.**

The burn off oven secondary chamber shall be maintained at a minimum of 1400 degrees F during the period of operation. This minimum temperature of 1400 degrees F must be established prior to the commencement of parts burn off in the burn chamber. Instrumentation shall be provided for the monitoring of the secondary chamber temperature. The minimum retention time of gas within the secondary chamber shall be 0.5 seconds.

[General Permit GP-4-32-00227, condition #20.]

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

Burn off ovens shall not be used to burn coatings that contain halogenated hydrocarbons like PVC or Teflons.

[General Permit GP-4-32-00227, condition #21.]

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

The burn off ovens and any associated air cleaning devices shall be:

- (a) Operated in such a manner as not to cause air pollution.
- (b) Operated and maintained in a manner consistent with good operating and maintenance practices.
- (c) Operated and maintained in accordance with the manufacturer's specifications and the applicable terms and conditions of this Burn Off Ovens General Permit.

[General Permit GP-4-32-00227, condition #4.]

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

This burn-off oven shall not be used to burn any parts that contain (or are suspected to contain) asbestos without prior authorization from the Department.

**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: 136

Source Name: STEELMAN BAKE OVEN (MIDDLE SHOP)

Source Capacity/Throughput: 0.400 MMBTU/HR

0.400 MCF/HR Natural Gas

Conditions for this source occur in the following groups: G01

**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: 137

Source Name: STEELMAN SMALL BURN OFF OVEN (MIDDLE SHOP)

Source Capacity/Throughput:

4.820 MMBTU/HR

4.820 MCF/HR

Natural Gas

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

The operation of this burn off oven shall not at any time result in particulate matter emissions in excess of 0.02 gr/dscf corrected to 12% CO<sub>2</sub>.

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

The operation of this burn off oven shall not at any time result in sulfur compound emissions in excess of 500 ppm, by volume, dry basis, as specified in 25 Pa. Code Section 123.21.

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

The facility is only permitted to burn-off motors with suspected asbestos in burn-off oven 137 (middle shop small burn-off oven). If asbestos is suspected in a motor, the facility shall proceed as follows:

1. Immediately following burn-off of the motor, sample collection and analyzation shall consist of, at minimum, the following:
  - a. Two (2) bulk samples of the debris ("oven ash") shall be collected and analyzed using testing method PLM EPA 600/R-93/116.
  - b. Three (3) wipe samples from the interior of the oven shall be collected; two (2) from the walls and one (1) from the "ceiling" These shall be analyzed using testing method Wipe-ASTM D6480.
  - c. One (1) wipe sample from the top of the stack and one (1) wipe sample from the cap above the stack exhaust shall be collected and analyzed using testing method Wipe-ASTM D6480.
2. Sample collection shall be conducted by licensed/authorized personnel only. A licensed third party shall conduct analysis of the samples according to the above testing methods.
3. If asbestos-containing material (ACM) is detected in any of the samples, the Department shall be notified within 24 hours. All activity in the oven shall cease until the oven is re-authorized by the Department.
4. The permittee request a reduction of testing after one year of no confirmed asbestos.

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

1. Records of all testing and reports shall be maintained onsite at all times and made available to the Department upon request.
2. The records of abated asbestos shall also be maintained onsite at all times.

**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 §127.441]****Operating permit terms and conditions.**

Burn off ovens shall not be used to burn coatings that contain halogenated hydrocarbons like PVC or Teflons.

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

This burn off oven shall be operated and maintained in accordance with the manufacturer's specifications.

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

The burn off oven secondary chamber shall be maintained at a minimum temperature of 1400°F during the period of operation. The minimum temperature of 1400°F must be established prior to the commencement of parts burn off in the burn off chamber. Instrumentation shall be provided for the monitoring of the secondary chamber temperature. The minimum retention time of gas within the secondary chamber shall be 0.5 seconds.

**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: 138

Source Name: STEELMAN BAKE OVEN (GE SHOP)

Source Capacity/Throughput: 0.400 MMBTU/HR

0.400 MCF/HR Natural Gas

Conditions for this source occur in the following groups: G01

**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: 101

Source Name: SANDBLASTER

Source Capacity/Throughput:

35.090 Lbs/HR

SAND ABRASIVE

**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.

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The Winding Department dust collector shall install and operate a magnehelic gauge or equivalent to monitor pressure drop across the unit to ensure proper operation of the control device. The control device must be functioning properly at all times the source is in operation.

**IV. RECORDKEEPING REQUIREMENTS.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

A daily log of differential pressure readings of the Winding Department sandblasting area dust collector shall be maintained for a period of five (5) years, and made available to the Department upon request.

**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 D. Source Level Requirements**

Source ID: 102

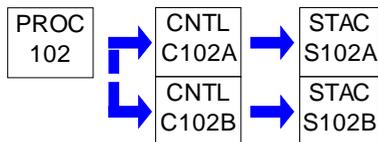
Source Name: MEDIUM AND LARGE SHOP PAINT BOOTHS

Source Capacity/Throughput:

1.194 Lbs/HR

SURFACE COATING

Conditions for this source occur in the following groups: G02

**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.

**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: 103

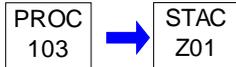
Source Name: RESIN USAGE

Source Capacity/Throughput:

3.061 Lbs/HR

RESIN

Conditions for this source occur in the following groups: G02

**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: 104

Source Name: MISCELLANEOUS NATURAL GAS USAGE

Source Capacity/Throughput: 6.090 MMBTU/HR

6.090 MCF/HR Natural Gas

Conditions for this source occur in the following groups: G01

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The permittee shall use only natural gas as a combustion fuel.

**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: 139

Source Name: STEELMAN BAKE OVEN (DRYING OVEN GE SHOP)

Source Capacity/Throughput:

0.400 MMBTU/HR

0.400 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: G01

**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: 140

Source Name: STEELMAN BURNOFF OVEN GE SHOP

Source Capacity/Throughput: 1.500 MMBTU/HR

1.500 MCF/HR Natural Gas

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

# 001 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The operation of this burn off oven shall not at any time result in particulate matter emissions in excess of 0.02 gr/dscf corrected to 12% CO<sub>2</sub>.

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

The operation of this burn off oven shall not at any time result in sulfur compound emissions in excess of 500 ppm, by volume, dry basis, as specified in 25 Pa. Code Section 123.21.

**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.**

# 003 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

Burn off ovens shall not be used to burn coatings that contain halogenated hydrocarbons like PVC or Teflons.

# 004 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

This burn off oven shall be operated and maintained in accordance with the manufacturer's specifications.

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

The burn off oven secondary chamber shall be maintained at a minimum temperature of 1400°F during the period of operation. The minimum temperature of 1400°F must be established prior to the commencement of parts burn off in the burn off chamber. Instrumentation shall be provided for the monitoring of the secondary chamber temperature. The minimum retention time of gas within the secondary chamber shall be 0.5 seconds.

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

This burn-off oven shall not be used to burn any parts that contain (or are suspected to contain) asbestos without prior authorization from the Department.

**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**

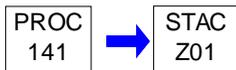
Source ID: 141

Source Name: PARTS WASHERS

Source Capacity/Throughput:

N/A

SAFETY-KLEEN

**I. RESTRICTIONS.**

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

**II. TESTING REQUIREMENTS.**

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

**III. MONITORING REQUIREMENTS.**

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

**IV. RECORDKEEPING REQUIREMENTS.**

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

**V. REPORTING REQUIREMENTS.**

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

**VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §129.63]****Degreasing operations**

(a) Cold cleaning machines. Except for those subject to the Federal National emissions standards for hazardous air pollutants (NESHAP) for halogenated solvent cleaners under 40 CFR Part 63 (relating to National emission standards for hazardous air pollutants for source categories), this subsection applies to cold cleaning machines that use 2 gallons or more of solvents containing greater than 5% VOC content by weight for the cleaning of metal parts.

(1) Immersion cold cleaning machines shall have a freeboard ratio of 0.50 or greater.

(2) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(i) Have a permanent, conspicuous label summarizing the operating requirements in paragraph (3). In addition, the label shall include the following discretionary good operating practices:

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

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

**SECTION D. Source Level Requirements**

(C) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(ii) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(3) Cold cleaning machines shall be operated in accordance with the following procedures:

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

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

(iii) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(iv) Air agitated solvent baths may not be used.

(v) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(4) After December 22, 2002, a person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(5) On and after December 22, 2002, a person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

(i) The name and address of the solvent supplier.

(ii) The type of solvent including the product or vendor identification number.

(iii) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(6) A person who operates a cold cleaning machine shall maintain for at least 2 years and shall provide to the Department, on request, the information specified in paragraph (5). An invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department may be used to comply with this section.

(7) Paragraph (4) does not apply:

(i) To cold cleaning machines used in extreme cleaning service.

(ii) If the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with paragraph (4) will result in unsafe operating conditions.

(iii) To immersion cold cleaning machines with a freeboard ratio equal to or greater than 0.75.

**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: 142

Source Name: PAINT BOOTH (GE)

Source Capacity/Throughput:

0.180 Lbs/HR

SURFACE COATING

Conditions for this source occur in the following groups: G02

**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.

**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.**

# 002 [25 Pa. Code §127.441]

**Operating permit terms and conditions.**

(a) Any changes in coating, thinner, solvent, or component formulation or supplier shall be evaluated prior to use to determine the effect on total VOC and HAP emissions from the facility. Any increase in VOC or HAP emissions as a result of such changes must receive prior written authorization from the Department via Request for Determination or Plan Approval, unless otherwise authorized by permit condition.

(b) The paint booth shall be equipped with dry filters.

(c) All coatings shall be applied using high volume low pressure (HVLP) guns.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

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

**SECTION E. Source Group Restrictions.**

Group Name: G01

Group Description: Process Particulate Matter 123.13 and SO2 123.21

**Sources included in this group**

ID	Name
104	MISCELLANEOUS NATURAL GAS USAGE
133	BAYCO LARGE BAKE OVEN
134	STEELMAN BAKE OVEN (LARGE SHOP)
136	STEELMAN BAKE OVEN (MIDDLE SHOP)
138	STEELMAN BAKE OVEN (GE SHOP)
139	STEELMAN BAKE OVEN (DRYING OVEN GE SHOP)

**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 §123.21]

**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

**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: G02

Group Description: Requirements of 129.52d

Sources included in this group

ID	Name
102	MEDIUM AND LARGE SHOP PAINT BOOTHS
103	RESIN USAGE
142	PAINT BOOTH (GE)

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surf:**

(d) Emission limitations. Beginning January 1, 2017, a person subject to subsection (a)(1) [Condition #008] may not cause or permit the emission into the outdoor atmosphere of VOCs from a miscellaneous metal part coating unit or miscellaneous plastic part coating unit, or both, unless emissions of VOCs are controlled in accordance with paragraph (1), (2) or (3).

(1) Compliant materials option. The VOC content of each miscellaneous metal part coating or each miscellaneous plastic part coating, as applied, excluding water and exempt compounds, is equal to or less than the VOC content limit for the applicable coating category specified in the applicable table of VOC content limits in Tables I—V [Conditions #002 and #003].

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

(4) Least restrictive VOC limit. If more than one VOC content limit or VOC emission rate limit applies to a specific coating, then the least restrictive VOC content limit or VOC emission rate limit applies.

(5) Coatings not listed in Table I, II, VI or VII. For a miscellaneous metal part or miscellaneous plastic part coating that does not meet the coating categories listed in Table I, II, VI or VII, the VOC content limit or VOC emission rate limit shall be determined by classifying the coating as a general one component coating or general multicomponent coating. The corresponding general one component coating or general multicomponent coating limit applies.

(6) [Does not apply]

**# 002 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surf:**

Table I. VOC Content Limits for Metal Parts and Products  
Surface Coatings

Weight of VOC per Volume of Coating,  
Less Water and Exempt Compounds, as Applied

Coating Category	Air Dried		Baked	
	kg VOC/ liter coating	lb VOC/ gal coating	kg VOC/ liter coating	lb VOC/ gal coating
General One-component	0.34	2.8	0.28	2.3
General Multicomponent	0.34	2.8	0.28	2.3
Camouflage	0.42	3.5	0.42	3.5
Electric-insulating Varnish	0.42	3.5	0.42	3.5
Etching Filler	0.42	3.5	0.42	3.5
Extreme High-gloss	0.42	3.5	0.36	3.0
Extreme Performance	0.42	3.5	0.36	3.0
Heat-resistant	0.42	3.5	0.36	3.0
High-performance Architectural	0.74	6.2	0.74	6.2
High-temperature	0.42	3.5	0.42	3.5
Metallic	0.42	3.5	0.42	3.5

**SECTION E. Source Group Restrictions.**

Military Specification	0.34	2.8	0.28	2.3
Mold-seal	0.42	3.5	0.42	3.5
Pan-backing	0.42	3.5	0.42	3.5
Prefabricated Architectural Multicomponent	0.42	3.5	0.28	2.3
Prefabricated Architectural One-component	0.42	3.5	0.28	2.3
Pretreatment	0.42	3.5	0.42	3.5
Touch-up and Repair	0.42	3.5	0.36	3.0
Silicone-release	0.42	3.5	0.42	3.5
Solar-absorbent	0.42	3.5	0.36	3.0
Vacuum-metalizing	0.42	3.5	0.42	3.5
Drum Coating, New, Exterior	0.34	2.8	0.34	2.8
Drum Coating, New, Interior	0.42	3.5	0.42	3.5
Drum Coating, Reconditioned, Exterior	0.42	3.5	0.42	3.5
Drum Coating, Reconditioned, Interior	0.50	4.2	0.50	4.2

**# 003 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surf:**

Table III. VOC Content Limits for Automotive/Transportation and Business Machine Plastic Parts Surface Coatings

Weight of VOC per Volume of Coating,  
Less Water and Exempt Compounds, as Applied

## Automotive/Transportation Coatings\*

Coating Category	kg VOC/ 1 coating	lb VOC/ gal coating
I. High Bake Coatings—Interior and Exterior Parts		
Flexible Primer	0.54	4.5
Nonflexible Primer	0.42	3.5
Basecoat	0.52	4.3
Clear Coat	0.48	4.0
Non-basecoat/Clear Coat	0.52	4.3
II. Low Bake/Air Dried Coatings—		
Exterior Parts		
Primer	0.58	4.8
Basecoat	0.60	5.0
Clear Coat	0.54	4.5
Non-basecoat/Clear Coat	0.60	5.0
III. Low Bake/Air Dried Coatings—		
Interior Parts		
	0.60	5.0
IV. Touch-up and Repair	0.62	5.2

\* For red, yellow and black automotive coatings, except touch-up and repair coatings, the limit is determined by multiplying the appropriate limit in this table by 1.15.

## Business Machine Coatings

Coating Category	kg VOC/ 1 coating	lb VOC/ gal coating
Primer	0.35	2.9
Topcoat	0.35	2.9
Texture Coat	0.35	2.9
Fog Coat	0.26	2.2
Touch-up and Repair	0.35	2.9

**II. TESTING REQUIREMENTS.****# 004 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

**SECTION E. Source Group Restrictions.**

(k) Measurements and calculations. To determine the properties of a coating or component used in a miscellaneous metal parts surface coating process or miscellaneous plastic parts surface coating process, measurements and calculations shall be performed according to one or more of the following:

- (1) EPA Reference Method 24, Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings, found at 40 CFR Part 60, Subpart D, Appendix A, including updates and revisions.
- (2) Manufacturer's formulation data.
- (3) Sampling and testing done in accordance with the procedures and test methods specified in Chapter 139.
- (4) Other test method demonstrated to provide results that are acceptable for purposes of determining compliance with this section if prior approval is obtained in writing from the Department.
- (5) Add-on air pollution control devices shall be equipped with the applicable monitoring equipment according to manufacturers' specifications. The monitoring equipment shall be installed, calibrated, operated and maintained according to manufacturers' specifications at all times the add-on air pollution control device is in use.
- (6) EPA calculations information in the following:
  - (i) A Guideline for Surface Coating Calculations, EPA-340/1-86-016, including updates and revisions.
  - (ii) Procedures for Certifying Quantity of Volatile Organic Compounds Emitted by Paint, Ink, and Other Coatings, EPA-450/3-84-019, including updates and revisions.

**III. MONITORING REQUIREMENTS.****# 005 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(e) Compliance and monitoring requirements.

- (1) All owners and operators. Regardless of the facility's VOC emissions, the owner or operator of a miscellaneous metal part surface coating process or miscellaneous plastic part surface coating process, or both, subject to subsection (a)(1) or (2) [Condition #008], shall comply with this section as specified throughout this section. [Non-applicable text omitted]
- (2) [Does not apply]

**IV. RECORDKEEPING REQUIREMENTS.****# 006 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(f) Recordkeeping and reporting requirements.

- (1) The owner or operator of a miscellaneous metal part coating unit or miscellaneous plastic part coating unit, or both, subject to subsection (a)(1) [Condition #008] shall maintain monthly records sufficient to demonstrate compliance with this section. The records must include the following information:
  - (i) The following parameters for each coating, thinner, component and cleaning solvent as supplied:
    - (A) Name and identification number of the coating, thinner, other component or cleaning solvent.
    - (B) Volume used.
    - (C) Mix ratio.
    - (D) Density or specific gravity.

**SECTION E. Source Group Restrictions.**

(E) Weight percent of total volatiles, water, solids and exempt solvents.

(F) Volume percent of total volatiles, water and exempt solvents for the applicable table of limits in Tables I—V [Conditions #002 and #003].

(G) [Does not apply]

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

(iii) The VOC content of each as applied coating or cleaning solvent.

(iv) The calculations performed for each applicable requirement under subsections (d) [Condition #001] and (e) [Condition #005].

(v) [Does not apply]

(2) [Does not apply]

(3) The records shall be maintained onsite for 2 years, unless a longer period is required by an order, plan approval or operating permit issued under Chapter 127 (relating to construction, modification, reactivation and operation of sources).

(4) The records shall be submitted to the Department in an acceptable format upon receipt of a written request from the Department.

**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.****# 007 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(g) Coating application methods. A person subject to subsection (a)(1) [Condition #008] may not cause or permit the emission into the outdoor atmosphere of VOCs from a miscellaneous metal part coating unit or miscellaneous plastic part coating unit, or both, unless the coatings are applied using one or more of the following coating application methods:

(1) Electrostatic coating.

(2) Flow coating.

(3) Dip coating, including electrodeposition.

(4) Roll coating.

(5) High volume-low pressure (HVLP) spray coating.

(6) Airless spray coating.

(7) Air-assisted airless spray coating.

(8) Other coating application method if approved in writing by the Department prior to use.

(i) The coating application method must be capable of achieving a transfer efficiency equivalent to or better than that achieved by HVLP spray coating.

(ii) The owner or operator shall submit the request for approval to the Department in writing.

**SECTION E. Source Group Restrictions.**

(i) Work practice requirements for coating-related activities. The owner or operator of a miscellaneous metal part coating unit or miscellaneous plastic part coating unit, or both, subject to subsection (a)(1) [Condition #008] shall comply with the following work practices for coating-related activities:

- (1) Store all VOC-containing coatings, thinners or coating-related waste materials in closed containers.
- (2) Ensure that mixing and storage containers used for VOC-containing coatings, thinners or coating-related waste materials are kept closed at all times, except when depositing or removing these coatings, thinners or waste materials.
- (3) Minimize spills of VOC-containing coatings, thinners or coating-related waste materials and clean up spills immediately.
- (4) Convey VOC-containing coatings, thinners or coating-related waste materials from one location to another in closed containers or pipes.

(j) Work practice requirements for cleaning materials. The owner or operator of a miscellaneous metal part coating unit or miscellaneous plastic part coating unit subject to subsection (a)(1) [Condition #008] shall comply with the following work practices for cleaning materials:

- (1) Store all VOC-containing cleaning materials and used shop towels in closed containers.
- (2) Ensure that mixing vessels and storage containers used for VOC-containing cleaning materials are kept closed at all times except when depositing or removing these materials.
- (3) Minimize spills of VOC-containing cleaning materials and clean up spills immediately.
- (4) Convey VOC-containing cleaning materials from one location to another in closed containers or pipes.
- (5) Minimize VOC emissions from cleaning of application, storage, mixing or conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers.

**VII. ADDITIONAL REQUIREMENTS.****# 008 [25 Pa. Code §129.52d]****Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts surface coating processes and pleasure craft surface coatings.**

(a) Applicability.

(1) This section applies to the owner and operator of a miscellaneous metal part surface coating process or miscellaneous plastic part surface coating process, or both, if the total actual VOC emissions from all miscellaneous metal part coating units and miscellaneous plastic part coating units, including related cleaning activities, at the facility are equal to or greater than 2.7 tons per 12-month rolling period, before consideration of controls.

(2) [Does not apply]

(3) Compliance with the VOC emission limits and other requirements of this section assures compliance with the VOC emission limits and other requirements of § 129.52 (relating to surface coating processes) for the miscellaneous metal parts and products surface coating processes as specified in § 129.52, Table I, Category 10.

(4) [Does not apply]

(5) This section does not apply to an owner or operator in the use or application of the following:

(i) Aerosol coatings that meet the requirements of 40 CFR Part 59, Subpart E (relating to National volatile organic compound emission standards for aerosol coatings).

(ii) Aerospace coatings.

**SECTION E. Source Group Restrictions.**

- (iii) Architectural coatings.
  - (iv) Automobile refinishing coatings.
  - (v) Auto and light-duty truck assembly coatings.
  - (vi) Can, coil or magnet wire coatings.
  - (vii) Coating applied to a test panel or coupon, or both, in research and development, quality control or performance testing activities, if records are maintained as required under subsections (e) [Condition #005] and (f) [Condition #006].
  - (viii) Fiberglass boat manufacturing materials.
  - (ix) Flat wood paneling coatings.
  - (x) Large appliance coatings.
  - (xi) Metal furniture coatings.
  - (xii) Miscellaneous industrial adhesives.
  - (xiii) Paper, film and foil coatings.
  - (xiv) Shipbuilding and repair coatings.
  - (xv) Wood furniture coatings.
- (b) [Please refer to 25 Pa. Code 129.52d(b) for definitions related to this section.]
- (c) [Does not apply]
- (d) [Refer to Emissions Limitations in this section of the permit]
- (e) [Refer to Monitoring Requirements in this section of the permit]
- (f) [Refer to Recordkeeping Requirements in this section of the permit]
- (g) [Refer to Work Practice Requirements in this section of the permit]
- (h) Exempt coatings and exempt coating unit operations.
- (1) The requirements of subsections (d) [Condition #001] and (g) [Condition #007] do not apply to the application of the following coatings to a metal part:
- (i) Stencil coating.
  - (ii) Safety-indicating coating.
  - (iii) Solid-film lubricant.
  - (iv) Electric-insulating and thermal-conducting coating.
  - (v) Magnetic data storage disk coating.
  - (vi) Plastic extruded onto metal parts to form a coating.
  - (vii) Powder coating.

**SECTION E. Source Group Restrictions.**

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

(4) The requirements of subsection (g) [Condition #007] do not apply to the following activities:

(i) Application of a touch-up coating, repair coating or textured finish to a metal part.

(ii) [Does not apply]

(iii) Airbrush application of coating to a metal part or plastic part using no more than 5 gallons of coating per year.

(iv) - (v) [Do not apply]

(i) [Refer to Work Practice Requirements in this section of the permit]

(j) [Refer to Work Practice Requirements in this section of the permit]

(k) [Refer to Testing Requirements in this section of the permit]



**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Descriptor			
133	BAYCO LARGE BAKE OVEN			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP
134	STEELMAN BAKE OVEN (LARGE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP
135	STEELMAN LARGE BURN OFF OVEN (LARGE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.020	gr/DRY FT3	corrected to 12% CO2.		TSP
136	STEELMAN BAKE OVEN (MIDDLE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP
137	STEELMAN SMALL BURN OFF OVEN (MIDDLE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.020	gr/DRY FT3	corrected to 12% CO2.		TSP
138	STEELMAN BAKE OVEN (GE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP
101	SANDBLASTER			
<b>Emission Limit</b>				<b>Pollutant</b>
0.040	gr/DRY FT3			TSP
102	MEDIUM AND LARGE SHOP PAINT BOOTHS			
<b>Emission Limit</b>				<b>Pollutant</b>
0.040	gr/DRY FT3			TSP
104	MISCELLANEOUS NATURAL GAS USAGE			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description			
139	STEELMAN BAKE OVEN (DRYING OVEN GE SHOP)			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.040	gr/DRY FT3			TSP
140	STEELMAN BURNOFF OVEN GE SHOP			
<b>Emission Limit</b>				<b>Pollutant</b>
500.000	PPMV	dry basis.		SOX
0.020	gr/DRY FT3	corrected to 12% CO2.		TSP
142	PAINT BOOTH (GE)			
<b>Emission Limit</b>				<b>Pollutant</b>
0.040	gr/DRY FT3			TSP

**Site Emission Restriction Summary**

Emission Limit	Pollutant
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**SECTION H. Miscellaneous.**

(a) The Capacity/Hour numbers listed on Page 4 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 G.

(b) The following activities are considered insignificant emission sources:

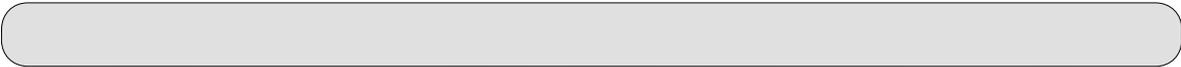
- Stator cleaning exhaust
- Stripping area exhaust
- Welding area exhaust
- Plating exhaust
- CNC exhaust (1 exhaust point per machine)
- Armature stripping exhaust
- Paint booth prep exhaust
- Evaporator #EV1, #EV2 and #EV3
- Pressure washers (Big Shop, Medium Shop, GE)
- Panel block space heaters
- Small electric ovens (Small Motor Shop, CMD, Medium Shop)
- Saw room exhaust & dust collector #DC1
- Self-contained sandblasting booth
- Lathes
- 350 gallon waste oil tank

(c) Source 104 consists of the following natural gas-fired usage systems totaling 6.09 mmBtu/hr:

- Thirty-two (32) Panelbloc heaters (0.125 MMBtu/hr each)
- Two (2) Dayton Infrared Heaters (0.09 MMBtu/hr each)
- Three (3) pressure washer heaters
- Three (3) 350-gallon natural gas-fired parts washers, 1 Stingray model SR6048, 0.4 mmBtu/hr, 2 Mart Tornado model Tornado 60, 0.38 mmBtu/hr each (Large Shop and Medium Shop), non-HAP/VOC solution.

(d) Source 141 consists of five (5) parts washers (2 in the Large Shop, 2 in the Small Motor Shop, and 1 in the Medium Shop).

(e) This permit was issued September 27, 2006; amended December 16, 2008; re-issued January 29, 2015; amended on June 15, 2017, and May 16, 2019; re-issued March 24, 2020; and, re-issued March 10, 2026.



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

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