



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: May 22, 2026

Effective Date: May 22, 2026

Expiration Date: November 28, 2026

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

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

Plan Approval No. 56-00323B

Federal Tax Id - Plant Code: 95-3959562

Owner Information

Name: ROCKWOOD DIV OF ASSA ABLOY ACCESSORIES & DOOR CONTROLS GRF

Mailing Address: 300 MAIN ST
ROCKWOOD, PA 15557-1023

Plant Information

Plant: ROCKWOOD MFG CO INC/NORTH SOMERSET

Location: 56 Somerset County 56802 Somerset Borough

SIC Code:

Responsible Official

Name: JOSEPH MOROCCO

Title: EHS MGR

Phone: (814) 926 - 3860

Email: joe.morocco@assaabloy.com

Plan Approval Contact Person

Name: JOSEPH MOROCCO

Title: EHS MGR

Phone: (814) 926 - 3860

Email: joe.morocco@assaabloy.com

[Signature] _____

MARK R. GOROG, P.E., ENVIRONMENTAL PROGRAM MANAGER, SOUTHWEST REGION



Plan Approval Description

The purpose of this plan approval application is to install additional equipment at their facility that includes one (1) primer booth and associated oven, two (2) cartridge dust collectors, one (1) sublimation oven, and one (1) emergency generator. Rockwood's Somerset facility currently operates under State-Only Operating Permit Number 56-00323, which was issued by the Pennsylvania Department of Environmental Protection on May 7, 2025.



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

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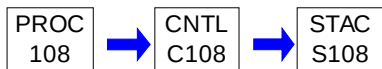
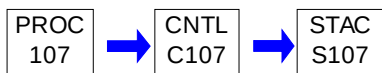
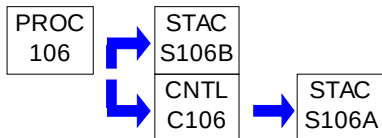
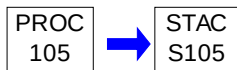
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
105	EMERGENCY GENERATOR 205HP EXEMPT		
106	PRIMER BOOTH AND OVEN		
107	SANDING OPERATION 1		
108	SANDING OPERATION 2		
C106	PAINT POCKETS DRY FILTER		
C107	CARTRIDGE DUST COLLECTOR 1 4000CFM		
C108	CARTRIDGE DUST COLLECTOR 2 9950 CFM		
S105	STACK OF EMERGENCY GENERATOR 205HP		
S106A	STACK OF PRIMER BOOTH		
S106B	STACK OF OVEN		
S107	STACK OF SANDING OPERATION 1		
S108	STACK OF SANDING OPERATION 2		

PERMIT MAPS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

(a) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

(b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.

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

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

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

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

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

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

Regional Air Program Manager

PA Department of Environmental Protection

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

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

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:

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

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (ii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or the Environmental Protection Agency concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

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

(c) As used in this plan approval condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

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

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

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

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

**SECTION C. Site Level Plan Approval Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the act.

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

No person may permit the emission into the outdoor atmosphere of a fugitive air contaminant contrary to 25 Pa. Code §123.1.

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

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

004 [25 Pa. Code §123.21]**General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

(b) 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 SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

005 [25 Pa. Code §123.31]**Limitations**

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

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

Facility-wide VOC emissions shall not equal or exceed 29.2 tons in any consecutive 12-month rolling period.

II. TESTING REQUIREMENTS.**# 007 [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.

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

If performance testing is required, such testing shall be conducted as follows [25 Pa. Code §127.12b and §139.11]:

- (a) The permittee shall submit a pre-test protocol electronically to the Department for review at least 90 days prior to the performance of any EPA reference method stack test or portable analyzer test. The permittee may repeat portable analyzer testing without additional protocol approvals provided that the same method and equipment are used. All proposed performance test methods shall be identified in the pre-test protocol and approved by the Department prior to testing.
- (b) The permittee shall notify the Regional Air Quality Manager at least 15 days prior to any performance test so that an observer may be present at the time of the test. Notification shall also be sent to the Division of Source Testing and

**SECTION C. Site Level Plan Approval Requirements**

Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) A complete test report shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an emission test program.

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

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

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

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

(g) All submittals shall be sent electronically to ra-epstacktesting@pa.gov, with CC: to ra-epsstacktesting@pa.gov.

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

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

If, at any time, the Department has cause to believe that air contaminant emissions from the sources listed in this plan approval may be in excess of the limitations specified in, or established pursuant to this plan approval or the permittee's operating permit, the permittee may be required to conduct test methods and procedures deemed necessary by the Department to determine the actual emissions rate. Such testing shall be conducted in accordance with 25 Pa. Code Chapter 139, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.

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

Inspection of the authorized sources shall be conducted at a minimum of once per operating day. The inspection shall be conducted for the presence of the following:

- (a) Visible stack emissions;
- (b) Fugitive emissions; and
- (c) Potentially objectionable odors at the property line.

These observations are to ensure continued compliance with source-specific visible emission limitations, fugitive emissions prohibited under 25 Pa. Code §123.1 or §123.2, and malodors prohibited under 25 Pa. Code §123.31.

Observations for visible stack and fugitive emissions shall be conducted during daylight hours, and all observations shall be conducted while sources are in operation.

If any visible stack emissions, fugitive emissions, or potentially objectionable odors are apparent, the permittee shall take

**SECTION C. Site Level Plan Approval Requirements**

corrective action. If any visible emissions are apparent after the correction action, sources of emissions shall not start until the permittee can verify compliance with the opacity standards specified in the permit through methods prescribed in §123.43, such as EPA Method 9 readings taken by a certified visible emissions reader.

IV. RECORDKEEPING REQUIREMENTS.**# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall maintain the following comprehensive and accurate records:

- (1) Results of facility-wide inspections including the date, time, name, and title of the observer, along with any corrective action taken as a result.
- (2) Results of any visible emissions observations.
- (3) Copies of the manufacturers' specifications and recommended maintenance schedule (or site-specific developed maintenance schedule) for each air contamination source and air cleaning device.
- (4) All maintenance performed on each air contamination source and air cleaning device
- (5) A record of all VOC and HAP containing compounds utilized at the facility.
- (6) A record of operator training and certificates.

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

All logs and required records shall be maintained either on site, electronically, or at an alternative location acceptable to the Department, for a minimum of five (5) years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 013 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The owner or operator shall report each malfunction that occurs at this facility that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonably believe may result in citizen complaints to the Department. For purpose of this condition, a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or source to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Examples of malfunctions that may result in citizen complaints include, but are not limited to, large dust plumes, heavy smoke, or a spill or release that may result in an odor detectable outside the property of the person on whose land the source is being operated.

(b) When the malfunction, emergency, or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department at 800-541-2050 and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies, or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the:

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

(d) The owner or operator shall notify the Department immediately when corrective measures have been accomplished.

(e) Subsequent to the malfunction, the owner/operator shall submit a full written report to the Department including the items identified in (c) and corrective measures taken on the malfunction within 15 days, if requested.

(f) The owner/operator shall submit reports on the operation and maintenance of the source to the Regional Air Program

**SECTION C. Site Level Plan Approval Requirements**

Manager at such intervals and in such form and detail as may be required by the Department. Information required in the reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and maintenance schedules.

(g) Malfunctions shall be reported to the Department at the following address:

Pennsylvania Department of Environmental Protection
Southwest Regional Office
Air Quality Program
400 Waterfront Drive
Pittsburgh, PA 15222-4745
800-541-2050

VI. WORK PRACTICE REQUIREMENTS.**# 014 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

(c) A person responsible for any source specified in 25 Pa Code Section 123.1 subsections (a)(1)—(7) or (9) 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.
- (d) N/A

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall construct, operate, and maintain all air contamination sources and air cleaning devices authorized under this Plan Approval in accordance with the manufacturer's specifications and recommended maintenance schedules, or site-specific specifications developed in accordance with good engineering practice and prior operating experience. Additionally, the owner/operator may not cause or permit the operation of an air contamination source in a manner inconsistent with good operating practices.

016 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Operators shall be trained and certificated when initially coming on board and be trained and certificated for refresher.

017 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The sanding operations may not operate unless the dust control system is operating at the same time. There shall be zero visible fugitive emissions from the building enclosure.

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §122.3]****Adoption of standards.**

Standards of Performance for New Stationary Sources and Emission Guidelines for Existing Sources, promulgated in 40 CFR Part 60 (relating to standards of performance for new stationary sources) by the Administrator of the EPA under section 111 of the Clean Air Act (42 U.S.C.A. § 7411) are adopted in their entirety by the Department and incorporated herein by reference.

**SECTION C. Site Level Plan Approval Requirements****# 019 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Upon determination by the permittee that the source(s) covered by this Plan Approval are constructed and in compliance with all operative conditions of the Plan Approval, the permittee shall contact the Department to schedule the Initial Operating Permit Inspection.

020 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Upon completion of the Initial Operating Permit Inspection and determination by the Department that the permittee is in compliance with all conditions of the plan approval, the permittee shall submit an application for a State Only Operating Permit (SOOP) for the Facility within 120 days to incorporate the conditions of this plan approval.

021 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall submit requests to extend the temporary operation periods under this Plan Approval at least 15 days prior to the expiration date of any authorized period of temporary operation.

022 [25 Pa. Code §129.14]**Open burning operations**

(a) N/A

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

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
 - (2) Malodorous air contaminants from the open burning are detectable outside the property of the person on whose land the open burning is being conducted.
 - (3) The emissions interfere with the reasonable enjoyment of life or property.
 - (4) The emissions cause damage to vegetation or property.
 - (5) The emissions are or may be deleterious to human or animal health.
- (c) Exceptions. The requirements of subsections (a) and (b) do not apply where the open burning operations result from:

- (1) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer.
- (2) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation.
- (5) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure.
- (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) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:
 - (i) Air curtain destructors shall be used when burning clearing and grubbing wastes.
 - (ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction, modification, reactivation and operation of sources).



SECTION C. Site Level Plan Approval Requirements

- (iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.
- (iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.
- (3) N/A
- (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.

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

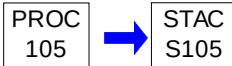
No compliance milestones exist.

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

Source ID: 105

Source Name: EMERGENCY GENERATOR 205HP EXEMPT

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.21]****General**

(a) This section applies to sources except those subject to other provisions of this article, with respect to the control of sulfur compound emissions.

(b) 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 SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §123.41]**Limitations**

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

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

003 [25 Pa. Code §123.42]**Exceptions**

The limitations of §123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from sources specified in §123.1(a)(1)-(9).
- (d) N/A

004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60 Subpart JJJJ Table 1] Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines Table 1 to Subpart JJJJ of Part 60.--

NO_x, CO, and VOC Emission Standards for Stationary Non-Emergency SI Engines ³ 100 HP (Except Gasoline and Rich Burn LPG), Stationary SI Landfill/Digester Gas Engines, and Stationary Emergency Engines > 25 HP

Engine Type and Fuel:Emergency

Maximum Engine Power: HP>=130

Emission Standards (g/HP-hr): NO_x=2.0 ; CO=4.0 ; VOC=1.0

005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4230]**Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines Am I subject to this subpart?**

(a) The provisions of this subpart are applicable to manufacturers, owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE) as specified in paragraphs (a)(1) through (5) of this section. For the purposes of this subpart, the date that construction commences is the date the engine is ordered by the owner or operator.

(1) - (3) ...

(4) Owners and operators of stationary SI ICE that commence construction after June 12, 2006, where the stationary SI ICE are manufactured:

(i) - (iii) ...

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

(iv) on or after January 1, 2009, for emergency engines with a maximum engine power greater than 19 KW (25 HP).
(5) ...

006 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4233]
Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
What emission standards must I meet if I am an owner or operator of a stationary SI internal combustion engine?

(a) - (d) N/A
(e) Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards in Table 1 to this subpart for their stationary SI ICE...
(f) - (h) N/A

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

007 [25 Pa. Code §123.43]

Measuring techniques

Visible emissions may be measured using either of the following:

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

IV. RECORDKEEPING REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The limitation hours of operation is 500 hr/yr and the record keeping is required for the operation hours. These records shall note date, duration and whether it's emergency or non-emergency use.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4245]

Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines**What are my notification, reporting, and recordkeeping requirements if I am an owner or operator of a stationary SI internal combustion engine?**

- (a) Owners and operators of all stationary SI ICE must keep records of the information in paragraphs (a)(1) through (4) of this section.
- (1) All notifications submitted to comply with this subpart and all documentation supporting any notification.
 - (2) Maintenance conducted on the engine.
 - (3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 1048, 1054, and 1060, as applicable.
 - (4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.
- (b) - (j) N/A

V. REPORTING REQUIREMENTS.

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

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 010 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4243]****Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary SI internal combustion engine?**

(a) - (c) N/A

(d) If you own or operate an emergency stationary ICE, you must operate the emergency stationary ICE according to the requirements in paragraphs (d)(1) through (3) of this section. In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (d)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in paragraphs (d)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

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

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

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

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

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

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

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

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

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

(E) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine.

The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

(e) - (i) N/A

VII. ADDITIONAL REQUIREMENTS.

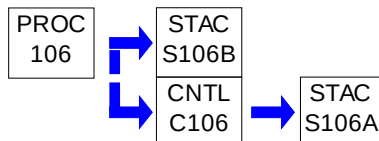
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 106

Source Name: PRIMER BOOTH AND OVEN

Source Capacity/Throughput:

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

(a) N/A

(b) N/A

(c) For processes not listed in subsection (b)(1), including, but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following apply:

(1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from a process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:

(i) .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.

(ii) N/A

(iii) N/A

(2) N/A

(d) N/A

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this process, at any time, in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.0004 grains per dry standard cubic foot.

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The primer (air-dried coating, general one-component coating) identified in the Plan Approval shall meet the 2.8 lb VOC/gallon of coating limitation

004 [25 Pa. Code §129.52d]**Control of VOC emissions from miscellaneous metal parts surface coating processes, miscellaneous plastic parts sur**

In accordance with 25 Pa. Code §129.52d(d) Emission Limitations,

Beginning January 1, 2017, a person subject to subsection (a)(1) 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 Table I.

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

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

Coating Category	Air Dried	
	kg VOC/ liter coating	lb VOC gal coating
General One-component	0.34	2.8

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

(2) Combination of compliant materials, VOC emissions capture system and add-on air pollution control device option. The combination of one or more VOC-containing coatings, as applied, that meet the emission rate limits for the applicable coating category specified in the applicable table of emission rate limits in Tables VI, and one or more VOC emissions capture systems and one or more add-on air pollution control devices that meet the requirements of subsection (e)(2).

Table VI. VOC Emission Rate Limits for Metal Parts and Products Surface Coatings

Weight of VOC per Volume of Coating Solids, as Applied

Coating Category	Air Dried	
	kg VOC/ liter solids	lb VOC gal solids
General One-component	0.54	4.52

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 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.**

In accordance with 25 Pa. Code §129.52d(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), shall comply with this section as specified throughout this section. For an owner or operator subject only to subsection (a)(2), the compliance requirements are the recordkeeping requirements in subsection (f)(2).

(2) [Not Applicable]

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

The permittee shall keep a weekly record of paint booth filter maintenance and inspection activities. Filter change outs shall be noted in the log.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall use primer usage records to calculate rolling monthly VOC emissions on a consecutive 12-month basis.

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.**

In accordance with 25 Pa. Code §129.52d(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) 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.

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

- (C) Mix ratio.
- (D) Density or specific gravity.
- (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.
- (G) Volume percent of solids for the applicable table of limits in Tables VI—IX.
- (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) and (e).
- (v) [Not Applicable]
- (2) [Not Applicable]
- (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) [See Reporting Requirements for this source]

V. REPORTING REQUIREMENTS.**# 009 [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.**

In accordance with 25 Pa. Code §129.52d(f)(4) Recordkeeping and Reporting Requirements,
The records shall be submitted to the Department in an acceptable format upon receipt of a written request from the Department.

VI. WORK PRACTICE REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall operate and maintain the sources as follows:

- (a) The paint booth shall not be operated unless the panel filters are in place and functioning properly.
- (b) Conduct inspections of the panel filters when the paint booth is operational at a minimum of weekly.
- (c) Maintain the dry panel filters and replace them as needed to ensure efficient removal of paint contained in the booth exhaust.

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Operators shall be trained and certificated when initially coming on board and be trained and certificated for refresher.

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

The gauge measuring pressure differential across the dry filter bank shall be maintained in working, readable, easily accessible condition at all times. The pressure differential across the filters shall be maintained in the appropriate pressure differential range, as dictated by the gauge manufacturer and previous gauge operating parameters. The pressure differential reading shall be recorded at a minimum of weekly in a logbook when operating and the filters shall be changed per the manufacturer's specifications.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The following work practices shall be implemented for operators in the paint prep, paint booth, surface coating, and cleanup operations:

- An operator training program shall be conducted for new and existing personnel, including contract personnel, who are involved in coating, cleaning, or wash-off operations.
- A copy of the written operator training program shall be maintained with the work practice implementation plan including the name and date each employee is trained.
- Paint booth and surface coating operator's training shall include at a minimum, proper operator coating techniques and HVLP spray gun use; regular maintenance; and good housekeeping to ensure that emissions are minimized.

**SECTION D. Source Level Plan Approval Requirements****# 014 [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.**

In accordance with 25 Pa. Code §129.52d(g) Coating Application Methods,

A person subject to subsection (a)(1) 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:

- Spray coating with HVLP guns.

[For (1) - (4) & (6) - (8), please refer to § 129.52d(g) under Title 25 - Environmental Protection in www.pacode.com.]

015 [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.**

In accordance with 25 Pa. Code §129.52d(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) 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.

016 [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.**

In accordance with 25 Pa. Code §129.52d(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) 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 always kept closed 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.**# 017 [25 Pa. Code §129.52]****Surface coating processes**

Pursuant to 25 Pa. Code § 129.52d(a)(3), compliance with §129.52d assures compliance 25 Pa. Code §129.52.

018 [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.**

In accordance with 25 Pa. Code §129.52d(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:

- (2) Manufacturer's formulation data.

[For items (1), (3) to (6), please refer to §129.52d(k) under Title 25 - Environmental Protection in www.pacode.com]

**SECTION D. Source Level Plan Approval Requirements****# 019 [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.**

In accordance with 25 Pa. Code §129.52d(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) Not Applicability

(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) & (5) Not Applicable

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

Source ID: 107

Source Name: SANDING OPERATION 1

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

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

Source ID: 108

Source Name: SANDING OPERATION 2

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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

**SECTION E. Source Group Plan Approval Restrictions.**

Group Name: GROUP-1

Group Description: Dust Collectors

Sources included in this group

ID	Name
C107	CARTRIDGE DUST COLLECTOR 1 4000CFM
C108	CARTRIDGE DUST COLLECTOR 2 9950 CFM

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

- (a) N/A
- (b) N/A
- (c) For processes not listed in subsection (b)(1), including, but not limited to, coke oven battery waste heat stacks and autogeneous zinc coker waste heat stacks, the following apply:
 - (1) Prohibited emissions. No person may permit the emission into the outdoor atmosphere of particulate matter from a process not listed in subsection (b)(1) in a manner that the concentration of particulate matter in the effluent gas exceeds any of the following:
 - (iv) .04 grain per dry standard cubic foot, when the effluent gas volume is less than 150,000 dry standard cubic feet per minute.
 - (v) N/A
 - (vi) N/A
 - (2) N/A
- (d) N/A

002 [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:
- (c) Equal to or greater than 20% for a period or periods aggregating more than 3 minutes in any one hour.
 - (d) Equal to or greater than 60% at any time.

003 [25 Pa. Code §123.42]**Exceptions**

- The limitations of §123.41 (relating to limitations) shall not apply to a visible emission in any of the following instances:
- (e) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
 - (f) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
 - (g) When the emission results from sources specified in §123.1(a)(1)-(9).
 - (h) N/A

004 [25 Pa. Code §123.43]**Measuring techniques**

- Visible emissions may be measured using either of the following:
- (1) A device approved by the Department and maintained to provide accurate opacity measurements.
 - (2) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

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

No person may permit the emission into the outdoor atmosphere of particulate matter from this process, at any time, in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.005 grains per dry standard cubic

**SECTION E. Source Group Plan Approval Restrictions.**

foot.

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

Visible emissions from each baghouse stack shall not equal or exceed 10% opacity at any time. If any visible emissions are noted the owner/operator shall take corrective action. Compliance with 10% opacity limit shall be assured by conducting a visual emission observation on a daily basis (when source is operating) to ensure there are no visible emissions from the baghouse stack.

II. TESTING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

If, at any time, the Department has cause to believe that air contaminant emissions from the sources listed in this plan approval may be in excess of the limitations specified in, or established pursuant to this plan approval or the permittee's operating permit, the permittee may be required to conduct test methods and procedures deemed necessary by the Department to determine the actual emissions rate. Such testing shall be conducted in accordance with 25 Pa. Code Chapter 139, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.

008 [25 Pa. Code §139.11]**General requirements.**

The following provisions are applicable to source tests for determining emissions from stationary sources:

- (1) Performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.
- (2) The Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum, all of the following:
 - (i) A thorough source description, including a description of air cleaning devices and the flue.
 - (ii) Process conditions, for example, the charging rate of raw material or rate of production of final product, boiler pressure, oven temperature and other conditions which may affect emissions from the process.
 - (iii) The location of the sampling ports.
 - (iv) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage of CO, CO₂, O₂ and N₂), static and barometric pressures.
 - (v) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
 - (vi) Laboratory procedures and results.
 - (vii) Calculated results.

III. MONITORING REQUIREMENTS.

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

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

The dust collectors shall be subject to the following monitoring and recordkeeping requirements:

1. In order to maintain compliance with the applicable emission limitation(s) contained in this permit, an acceptable range shall be established, for diagnostic purposes only, for the pressure differential across the baghouse in accordance with the manufacturer's specifications. Pressure differentials outside of the acceptable diagnostic range shall not by themselves be a violation of plan approval requirements in the absence of other noncompliant parameters.

**SECTION E. Source Group Plan Approval Restrictions.**

2. The owner/operator shall properly install, operate, and maintain equipment to continuously monitor the pressure differential, in inches of water, across the baghouse when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The owner/operator shall record the pressure drop across the baghouse on a daily basis.

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

The permittee shall operate each dust collector per the manufacturer's specification and maintain the following comprehensive and accurate records for each baghouse:

- (1) Daily pressure differential across dust collector when operating
- (2) Bag replacement in dust collector
- (3) Any maintenance performed on dust collector
- (4) Copy of the manufacturer's recommended specifications and recommended maintenance schedule
- (5) Keep daily records of any visible emissions, the investigation of cause, and the corrective action taken
- (6) For each investigation of cause, a determination as to whether any emissions in excess of the limitations in this authorization occurred.
- (7) All required recordkeeping shall commence upon startup of the affected source (s)/control device (s)
- (8) All records shall be maintained on site for a minimum of five (5) years and shall be made available to Department personnel upon request.

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.**# 011 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The owner/operator shall operate and maintain all pressure differential gauges ("gauges") in good working order that measure the pressure drop across both the baghouses. The gauges shall be located in an easily accessible location.

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

The sanding operations may not operate unless the dust control system is operating at the same time. There shall be zero visible fugitive emissions from the building enclosure.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The gauge measuring pressure differential across the bag houses shall be maintained in working, readable, easily accessible condition at all times. The pressure differential across the bag houses shall be maintained in the appropriate pressure differential range, as dictated by the gauge manufacturer and previous gauge operating parameters. The pressure differential reading shall be recorded at a minimum of weekly in a logbook when operating and the filters shall be changed per the manufacturer's specifications.

014 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Regular maintenance of the baghouse shall include checking the magnehelic pressure gauge on each collector to ensure that the filter cartridges are being cleaned properly. This shall be done on a weekly basis and maintained in a log and made available to the Department upon request.

015 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall keep on hand a supply of clean spare filter cartridges for maintenance and repair of the baghouse. These quantities shall be determined by the manufacturer's recommendations, if available, and/or good operating and maintenance practices.

**SECTION E. Source Group Plan Approval Restrictions.****VII. ADDITIONAL REQUIREMENTS.**

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



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

No emission restrictions listed in this section of the permit.



SECTION H. Miscellaneous.



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