



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: August 15, 2025

Effective Date: August 15, 2025

Expiration Date: February 28, 2027

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. 25-00066M

Federal Tax Id - Plant Code: 76-0534862-1

Owner Information

Name: ACCURIDE CORP
Mailing Address: 1015 E 12TH ST
ERIE, PA 16503-1520

Plant Information

Plant: ACCURIDE ERIE LP/ERIE FORGE PLT
Location: 25 Erie County 25001 Erie City
SIC Code: 3463 Manufacturing - Nonferrous Forgings

Responsible Official

Name: DARON LANGDON
Title: DIR OF OPERATIONS
Phone: (814) 392 - 0139 Email: dlangdon@accuridecorp.com

Plan Approval Contact Person

Name: PAUL SNYDER
Title: EHS COORDINATOR
Phone: (814) 580 - 7453 Email: psnyder@accuridecorp.com

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

**Plan Approval Description**

Installation of wheel coating lines, curing oven, and associated RTO. Replacement of polishing scrubber on source 116.



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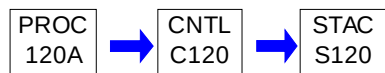
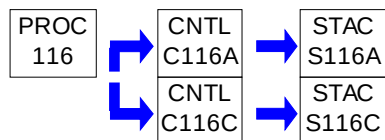
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
116	POLISHING CELLS (2)		
120A	WHEEL ANODIZING AND COATING LINE		
120B	WHEEL ANODIZING AND COATING LINE		
120C	CONVECTION CURE OVEN		
C116C	ACME SCRUBBER FOR POLISHING CELL 5		
C120	RTO		
S116A	STACK FROM POLISHING CELL		
S116C	STACK FOR SCRUBBER		
S120	STACK FOR RTO		

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 § 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.

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.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All applicable additional conditions as specified in State Only operating permit 25-00066 shall remain in effect unless superseded or amended by a condition contained herein. If there is a conflict between a condition contained in the State Only operating permit 25-00066 and a condition contained herein, the permittee shall comply with the condition contained herein rather than the conflicting condition contained in the State Only operating permit 25-00066.

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.

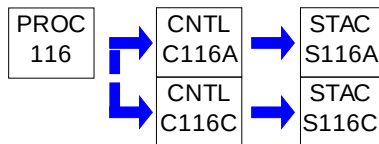
No compliance milestones exist.

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

Source ID: 116

Source Name: POLISHING CELLS (2)

Source Capacity/Throughput:

**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 0.04 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 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.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

a) The permittee shall maintain records of all preventive maintenance inspections of the control devices. These records shall, at a minimum, contain the dates of the inspections, any problems or defects, the actions taken to correct the problems or defects, and any routine maintenance performed.

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

- (a) The permittee shall perform a weekly preventive maintenance inspection of the control device.
- (b) The facility shall not change the effluent gas volume through the control device without prior approval from the Department and the system shall be designed and operated to maintain an appropriate water level in the scrubber at all times that the scrubber is in operation.
- (c) The permittee shall operate the scrubbers at all times that the sources are in operation.
- (d) The permittee shall maintain and operate this source and the scrubbers in accordance with the manufacturers' specifications and good air pollution control practices.

**SECTION D. Source Level Plan Approval Requirements****VII. ADDITIONAL REQUIREMENTS.****# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

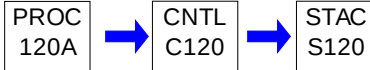
a) UniWash UC-200 Scrubber (Control C116C) shall replace UniWash UCBD-125 Scrubber (Control C116B).

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

Source ID: 120A

Source Name: WHEEL ANODIZING AND COATING LINE

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ANODIZING COATING LINES
RTO**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

VII. ADDITIONAL REQUIREMENTS.

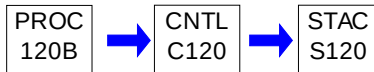
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group Restrictions).

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

Source ID: 120B

Source Name: WHEEL ANODIZING AND COATING LINE

Source Capacity/Throughput:

Conditions for this source occur in the following groups: ANODIZING COATING LINES
RTO**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group 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) and/or Section E (Source Group Restrictions).

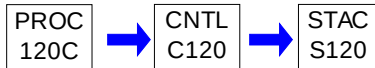
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 120C

Source Name: CONVECTION CURE OVEN

Source Capacity/Throughput:

Conditions for this source occur in the following groups: RTO

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval 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 plan approval including Section B (Plan Approval General Requirements) and/or Section E (Source Group 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) and/or Section E (Source Group Restrictions).

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

Group Name: ANODIZING COATING LINES

Group Description: Wheel anodizing and coating lines

Sources included in this group

ID	Name
120A	WHEEL ANODIZING AND COATING LINE
120B	WHEEL ANODIZING AND COATING LINE

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.**# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) A manometer shall be maintained to monitor the pressure differential across the spray booth(s) filter. A manometer shall be mounted in a location to best capture the difference in pressure across the filter(s). The device shall be marked with an upper limit to indicate when the filter shall be changed. Filters shall be changed prior to the manometer reaching the upper limit. Within 90 days of the start-up of the source the upper limit marking shall be submitted to the department for approval.

(b) The spray booth(s) shall maintain a minimum capture efficiency of 95%.

(c) Operators shall perform a daily operational inspection of the spray booth(s). The filter(s) shall be checked for cleanliness daily. The operator shall also ensure there are no gaps that would allow for overspray to bypass the filters. The filters shall be changed if there is any doubt that they are not functioning properly.

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

(a) All recordkeeping shall commence upon startup of the source

(b) The company shall maintain a log of all preventative maintenance inspections of the source and control device(s). The inspection logs, at a minimum, shall contain the dates of the inspections, the name of the person performing the inspection, any mechanical repairs and/or adjustments, any potential problems or defects that were encountered, and the steps taken to correct them.

(c) The permittee shall maintain records of the following operational parameters: (these records may be done with strip charts recorders, data acquisition systems, or manual log entries)

(1) Pressure drop across the spray booth(s) particulate filter (daily)

(d) All records shall be kept onsite for a period of five (5) years and shall be made available to the Department 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.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall perform a daily operational inspection of the source(s) and control device(s).

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

- (b) The control device(s) and source(s) shall be operated and maintained as recommended by the manufacturer and in accordance with good engineering practices.
- (c) All spray booth(s) doors and openings must be closed during use and negative pressure shall be maintained.
- (d) A minimum air flow of 1200 cfm shall be maintained through the spray booth(s).
- (e) All gauges employed by the permittee to monitor the required control device and spray booth(s) operating parameters shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (+/- 2%) of full scale reading.

VII. ADDITIONAL 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.**

Applicable portions of the regulation are shown below. The rest of the regulation can be found at <https://www.pacodeandbulletin.gov/Display/pacode?file=/secure/pacode/data/025/chapter129/s129.52d.html>

(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.

(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.

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.**

Potentially applicable definitions are shown below. All definitions for the regulation can be found at <https://www.pacodeandbulletin.gov/Display/pacode?file=/secure/pacode/data/025/chapter129/s129.52d.html>

(b) Definitions. The following words and terms, when used in this section, have the following meanings unless the context clearly indicates otherwise:

Adhesion primer—A coating applied to a polyolefin part to promote the adhesion of a subsequent coating. This type of coating is clearly identified on its accompanying MSDS by this term or as an adhesion promoter.

Air-dried coating—A coating that is cured or dried at a temperature below 90°C (194°F).

Baked coating—A coating cured at a temperature at or above 90°C (194°F).

Business machine—

(i) A device that uses an electronic or mechanical method to process information, perform calculations, print or copy information, or convert sound into electrical impulses for transmission.

(ii) The term includes the following:

(A) Devices listed in Standard Industrial Classification Codes 3572, 3573, 3574, 3579 and 3661.

(B) Photocopy machines, a subcategory of Standard Industrial Classification Code 3861.

Cleaning material or cleaning solvent—A material used during cleaning activities or cleaning operations to remove residue or other unwanted materials from equipment.

Clear coating—

(i) A colorless coating that contains binders, but no pigment, and is formulated to form a transparent film.

(ii) The term includes a transparent coating that uses the undercoat as a reflectant base or undertone color.

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

- (i) A material applied onto or into a substrate for protective, decorative or functional purposes.
- (ii) The term includes paints, sealants, caulks, primers, inks and maskants.
- (iii) The term does not include protective oils, acids or bases, or combinations of these materials.

Coating unit—A series of one or more coating applicators and associated drying area or oven or both wherein a coating is applied and dried or cured, or both. The unit ends at the point where the coating is dried or cured, or prior to subsequent application of a different coating.

Drum—A cylindrical metal shipping container larger than 12 gallons capacity but not larger than 110 gallons capacity.

Etching filler—A coating that contains less than 23% solids by weight and at least 0.5% acid by weight, and is used instead of applying a pretreatment coating followed by a primer.

Extreme-performance coating—

- (i) A coating used on a metal or plastic surface where the coated surface is, in its intended use, subject to one or more of the following:
 - (A) Chronic exposure to corrosive, caustic or acidic agents, chemicals, chemical fumes, chemical mixtures or solutions.
 - (B) Repeated exposure to temperatures in excess of 250°F.
 - (C) Repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial grade solvents, cleansers or scouring agents.
- (ii) The term includes coatings applied to locomotives, railroad cars, farm machinery and heavy duty trucks.

Finish primer/surfacers—A coating applied with a wet film thickness of less than 10 mils prior to the application of a topcoat for purposes of providing corrosion resistance, adhesion of subsequent coatings, a moisture barrier or promotion of a uniform surface necessary for filling in surface imperfections.

Flexible primer—A coating required to comply with engineering specifications for impact resistance, mandrel bend or elongation as defined by the original equipment manufacturer.

Heat-resistant coating—A coating that must withstand a temperature of at least 400°F during normal use.

Heavier vehicle—A self-propelled vehicle designed for transporting persons or property on a street or highway that has a gross vehicle weight rating over 8,500 pounds.

High bake coating—A coating designed to cure only at temperatures of more than 90°C (194°F).

High-temperature coating—A coating certified to withstand a temperature of 1,000°F for 24 hours.

Metal particles—Pieces of a pure elemental metal or a combination of elemental metals.

Miscellaneous metal parts and miscellaneous plastic parts—Metal or plastic components of parts or products, as well as the parts or products themselves, constructed either entirely or partially from metal or plastic, or both, including the following:

- (xv) Heavier vehicles.

Motor vehicle lubricating wax/compound—A protective lubricating material, used at a facility that is not an automobile or light-duty truck assembly coating facility, applied to vehicle hubs and hinges.

Multicomponent coating—A coating requiring the addition of a separate reactive resin, commonly known as a catalyst or hardener, before application to the substrate to form an acceptable dry film.

One-component coating—A coating that is ready for application as it comes out of its container to form an acceptable dry film. A thinner may be added to reduce the viscosity, but is not considered a component.

Powder coating—A coating applied as a dry, finely divided solid that, when melted and fused, adheres to the substrate as

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

a paint film.

Pretreatment coating—A coating that contains no more than 12% solids by weight and at least 0.5% acid by weight that is used to provide surface etching and that is applied directly to metal surfaces to provide corrosion resistance, adhesion and ease of stripping.

Pretreatment wash primer—A coating that contains no more than 12% solids by weight and at least 0.5% acid by weight that is used to provide surface etching and that is applied directly to fiberglass and metal surfaces to provide corrosion resistance and adhesion of subsequent coatings.

Topcoat—A final coating applied in a surface coating process that applies two or more coatings.

Translucent coating—A coating that contains binders and pigment and is formulated to form a colored, but not opaque, film.

Two-component coating—A coating requiring the addition of a separate reactive resin, commonly known as a catalyst, before application to form an acceptable dry film.

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.**

(c) Existing RACT permit. The requirements of this section supersede the requirements of a RACT permit issued under § § 129.91—129.95 (relating to stationary sources of NO_x and VOCs) to the owner or operator of a source subject to subsection (a) prior to January 1, 2017, to control, reduce or minimize VOCs from a miscellaneous metal part or miscellaneous plastic part surface coating process, except to the extent the RACT permit contains more stringent 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.**

(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 Tables I—V.

(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—IX, 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).

(3) VOC emissions capture system and add-on air pollution control device option. The overall weight of VOCs emitted to the atmosphere is reduced through the use of vapor recovery, oxidation, incineration or another method that is acceptable under § 129.51(a) (relating to general) and meets the requirements of subsection (e)(2). The overall control efficiency of a control system, as determined by the test methods and procedures specified in Chapter 139 (relating to sampling and testing), may be no less than 90%.

(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) Coatings not listed in Table IV or IX. For a pleasure craft coating that does not meet the coating categories listed in Table IV or IX, the VOC content limit or VOC emission rate limit shall be determined by classifying the coating as an “all other pleasure craft surface coatings for metal or plastic.” The “all other pleasure craft surface coatings for metal or plastic” limit applies.

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

(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) VOC emissions capture system and add-on air pollution control device. The owner or operator of a facility subject to subsection (a)(1) that elects to comply with the emission limitations of subsection (d) through installation of a VOC emissions capture system and add-on air pollution control device under subsection (d)(2) or (3) shall submit an application for a plan approval to the appropriate regional office. The plan approval must be approved, in writing, by the Department prior to installation and operation of the emissions capture system and add-on air pollution control device. The plan approval must include the following information:

(i) A description, including location, of each affected source or operation to be controlled with the emissions capture system and add-on air pollution control device.

(ii) A description of the proposed emissions capture system and add-on air pollution control device to be installed.

(iii) A description of the proposed compliance monitoring equipment to be installed.

(iv) A description of the parameters to be monitored to demonstrate continuing compliance.

(v) A description of the records to be kept that will document the continuing compliance.

(vi) A schedule containing proposed interim dates for completing each phase of the required work to install and test the emissions capture system and add-on air pollution control device described in subparagraph (ii) and the compliance monitoring equipment described in subparagraph (iii).

(vii) A proposed interim emission limitation that will be imposed on the affected source or operation until compliance is achieved with the applicable emission limitation.

(viii) A proposed final compliance date that is as soon as possible but not later than 1 year after the start of installation of the approved emissions capture system and add-on air pollution control device and the compliance monitoring equipment.

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.**

(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.

(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) The information required in a plan approval issued under subsection (e)(2).

(2) An owner or operator subject to subsection (a)(2), or otherwise claiming an exemption or exception in this section, shall maintain records sufficient to verify the applicability of subsection (a)(2), the exemption or exception. Records maintained for compliance demonstrations may include purchase, use, production and other records.

(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.

**SECTION E. Source Group Plan Approval Restrictions.****# 010 [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) 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 (HVLV) 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 HVLV spray coating.
 - (ii) The owner or operator shall submit the request for approval to the Department in writing.

011 [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.**

(h) Exempt coatings and exempt coating unit operations.

- (1) The requirements of subsections (d) and (g) 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.
- (2) The requirements of subsection (d) do not apply to the application of the following coatings to a plastic part:
 - (i) Touch-up and repair coating.
 - (ii) Stencil coating applied on a clear or transparent substrate.
 - (iii) Clear or translucent coating.
 - (iv) Coating applied at a paint manufacturing facility while conducting performance tests on coating.
 - (v) Reflective coating applied to highway cones.
 - (vi) Mask coating, if the coating is less than 0.5 millimeter thick (dried) and the area coated is less than 25 square inches.
 - (vii) EMI/RFI shielding coating.
 - (viii) Heparin-benzalkonium chloride (HBAC)-containing coating applied to a medical device, provided that the total usage of HBAC-containing coatings does not exceed 100 gallons in 1 calendar year at the facility.
 - (ix) Powder coating.
 - (x) An individual coating category used in an amount less than 50 gallons in 1 calendar year provided that the total usage of all of the coatings, combined, does not exceed 200 gallons per year at the facility. This exception applies only if substitute compliant coatings are not available.
- (3) The requirements of subsection (d) do not apply to the application of the following coatings to automotive-transportation and business machine parts:
 - (i) Texture coat.
 - (ii) Vacuum-metalizing coating.
 - (iii) Gloss reducer.
 - (iv) Texture topcoat.
 - (v) Adhesion primer.
 - (vi) Electrostatic prep coat.
 - (vii) Resist coating.
 - (viii) Stencil coating.
 - (ix) Powder coating.

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

- (4) The requirements of subsection (g) do not apply to the following activities:
- (i) Application of a touch-up coating, repair coating or textured finish to a metal part.
 - (ii) Application of a powder coating to the following:
 - (A) Plastic part.
 - (B) Automotive-transportation plastic part.
 - (C) Business machine plastic part.
 - (iii) Airbrush application of coating to a metal part or plastic part using no more than 5 gallons of coating per year.
 - (iv) Use of an add-on air pollution control device to comply with subsection (d).
 - (v) Application of extreme high-gloss coating in a pleasure craft surface coating operation.

012 [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.**

- (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.

013 [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.**

- (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 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.

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.**

- (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:

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

- (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.

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

Group Name: RTO

Group Description: Source(s) connected to the RTO

Sources included in this group

ID	Name
120A	WHEEL ANODIZING AND COATING LINE
120B	WHEEL ANODIZING AND COATING LINE
120C	CONVECTION CURE OVEN

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Maximum allowable VOC emission from the RTO control device is 1.5 TPY based on a 12-month consecutive rolling total.

Fuel Restriction(s).

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The RTO and Curing Oven shall operate using only natural gas as a fuel source.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The company shall perform an initial stack test within 180 days of the start-up of the spray booth(s) and curing oven to determine the control device efficiency of the regenerative thermal oxidizer by measuring inlet and outlet VOC concentration of the regenerative thermal oxidizer. The stack test shall be performed while the aforementioned source(s) are operating within 90% of the maximum routine operating capacity. The stack test shall be performed while the thermal oxidizer is at a minimum temperature of 1400F. The company may apply to the Department for extension of the time to conduct the initial stack test if there is cause. The stack test shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection. The stack test methods shall be as follows: VOC using EPA Method 25 or other methods approved by the Department.

(1) Pursuant to 25 Pa. Code § 139.53(a)(3), at least 120 calendar days prior to commencing an emissions testing program, a test protocol shall be submitted to the Department for review and approval in accordance with paragraph (8) of this condition. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

i) When testing of a source is required on a recurring basis, a single procedural protocol may be submitted for approval; thereafter, a letter, submitted at least 90 calendar days prior to commencing an emission testing program, referencing the previously approved procedural protocol is sufficient if the letter is approved by the Department. The letter shall be submitted as required in part (1). If modifications are made to the process(es), if a different stack testing company is used, or if an applicable section of the stack test manual has been revised since the approval, a new protocol shall be submitted.

2) Pursuant to 25 Pa. Code § 139.53(a)(3), at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the Department in accordance with paragraph (8) of this condition. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

3) Pursuant to 25 Pa. Code § 139.53(a)(3), if the proposed testing did not occur per the required notification in paragraph (2) above, an electronic mail notification shall be sent within 15 calendar days after the expected completion date of the onsite testing to the Department, in accordance with paragraph (8) of this condition, indicating why the proposed completion date of the on-site testing was not adhered to.

4) Pursuant to 25 Pa. Code § 139.53(a)(3), a complete test report shall be submitted to the Department no later than 60

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

calendar days after completion of the onsite testing portion of an emission test program.

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

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

6) 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.

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

8) Pursuant to 25 Pa. Code §§ 139.53(a)(1) and 139.53(a)(3):

i) All submittals, besides notifications (protocols & reports only), shall be accomplished through PSIMS*Online, available through: <https://www.depgreenport.state.pa.us/ecommm/Login.jsp>, when it becomes available. If internet submittal cannot be accomplished, one electronic copy of all source test submissions (protocols, reports, supplemental information, etc.) shall be sent to both PSIMS Administration in Central Office and to Regional Office AQ Program Manager.

Electronic copies shall be sent at the following e-mail addresses:

CENTRAL OFFICE:

RA-EPstacktesting@pa.gov

NORTHWEST REGIONAL OFFICE:

RA-EPNWstacktesting@pa.gov

Notifications shall be sent via OnBase: <https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

9) 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.

10) Actions Related to Noncompliance Demonstrated by a Stack Test:

- i) If the results of a stack test, performed as required by this approval, exceed the level specified in any condition of this approval, the Permittee shall take appropriate corrective actions. Within 30 days of the Permittee receiving the stack test results, a written description of the corrective actions shall be submitted to the Department. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. The Department shall notify the Permittee within 30 days, if the corrective actions taken are deficient. Within 30 days of receipt of the notice of deficiency, the Permittee shall submit a description of additional corrective actions to the Department. The Department reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- ii) If the results of the required stack test exceed any limit defined in this plan approval, the test was not performed in accordance with the stack test protocol or the source and/or air cleaning device was not operated in accordance with the plan approval, then another stack test shall be performed to determine compliance. Within 120 days of the Permittee receiving the original stack test results, a retest shall be performed. The Department may extend the retesting deadline if the Permittee demonstrates, to the Department's satisfaction, that retesting within 120 days is not practicable. Failure of the second test to demonstrate compliance with the limits in the plan approval, not performing the test in accordance with the stack test protocol or not operating the source and/or air cleaning device in accordance with the plan approval may be grounds for immediate revocation of the plan approval to operate the affected source.

In addition to the stack testing required by this condition, the facility shall conduct subsequent performance testing within six

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

(6) to twelve (12) months prior to the expiration date of the operating permit, for VOC destruction efficiency in accordance with the provisions of Chapter 139 (relating to sampling and testing).

III. MONITORING REQUIREMENTS.**# 004 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) The RTO shall maintain a minimum destruction efficiency of 98%
- (b) The RTO temperature shall be monitored continuously
- (c) The pressure drop across the RTO's ceramic media shall be monitored daily

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

- (a) All recordkeeping shall commence upon startup of the source
- (b) The company shall maintain a log of all preventative maintenance inspections of the source and control device(s). The inspection logs, at a minimum, shall contain the dates of the inspections, the name of the person performing the inspection, any mechanical repairs and/or adjustments, any potential problems or defects that were encountered, and the steps taken to correct them.
- (c) The permittee shall maintain records of the following operational parameters: (these records may be done with strip charts recorders, data acquisition systems, or manual log entries)
 - (1) Inlet pressure of the RTO (daily)
 - (2) Pressure drop across the RTO (daily)
 - (3) RTO Chamber temperature (continuously)
- (d) The type, VOC content per gal, and amount of each coating sprayed in the booth(s) shall be recorded. This information will be used to calculate the VOCs entering the RTO from the spray booth(s) by $\text{VOC/gal} * \text{gal used} = \text{VOC released to RTO}$.
- (e) All records shall be kept onsite for a period of five (5) years and shall be made available to the Department 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.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

- (a) The permittee shall perform a daily operational inspection of the source(s) and control device(s)
- (b) The control device(s) and source(s) shall be operated and maintained as recommended by the manufacturer and in accordance with good engineering practices
- (c) A thermocouple or equivalent shall be permanently installed and maintained at a conveniently readable location to indicate the thermal oxidizer operating temperature.
- (d) Devices to measure the pressure drop across the RTO ceramic media, and the inlet pressure shall be provided.
- (e) All gauges employed by the permittee to monitor the required control device and spray booth(s) operating parameters shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be

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

accurate within plus or minus two percent (+/- 2%) of full scale reading.

(f) The minimum RTO combustion temperature shall be 1400F

(g) The RTO shall be operated at all times that the source(s) are in operation.

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.**

Source Id	Source Description				
116	POLISHING CELLS (2)				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.040 gr/DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.040 gr/DRY FT3	TSP
Emission Limit	Pollutant				
0.040 gr/DRY FT3	TSP				
120A	WHEEL ANODIZING AND COATING LINE				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>1.500 Tons/Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	1.500 Tons/Yr	VOC
Emission Limit	Pollutant				
1.500 Tons/Yr	VOC				
120B	WHEEL ANODIZING AND COATING LINE				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>1.500 Tons/Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	1.500 Tons/Yr	VOC
Emission Limit	Pollutant				
1.500 Tons/Yr	VOC				
120C	CONVECTION CURE OVEN				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>1.500 Tons/Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	1.500 Tons/Yr	VOC
Emission Limit	Pollutant				
1.500 Tons/Yr	VOC				

Site Emission Restriction Summary

Emission Limit	Pollutant
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SECTION H. Miscellaneous.



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