



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: September 9, 2026

Effective Date: September 9, 2026

Expiration Date: March 8, 2028

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. 19-00020A

Federal Tax Id - Plant Code: 38-1753729-1

Owner Information

Name: KAWNEER CO INC
Mailing Address: 500 E 12TH ST
BLOOMSBURG, PA 17815-3900

Plant Information

Plant: KAWNEER CO/BLOOMSBURG PLT
Location: 19 Columbia County 19002 Bloomsburg Town
SIC Code: 3442 Manufacturing - Metal Doors, Sash, And Trim

Responsible Official

Name: BRUCE SCHLICHTER
Title: PLT MGR
Phone: (570) 317 - 4257 Email: bruce.schlichter@arconic.com

Plan Approval Contact Person

Name: ADAM M. SMITH
Title: EHS MANAGER
Phone: (570) 389 - 6315 Email: Adam.Smith@arconic.com

[Signature] _____
MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



Plan Approval Description

This plan approval authorizes the replacement of the existing ABB Air Preheater Co. model 2-16.7R95NGI Combu-Changer RTO equipped with two 3.0 million Btu per hour natural-gas-fired burners (Control Device C001). It will be replaced with a DURR model Oxi.X RC RTO equipped with an 8.69 MMBtu/hr natural-gas-fired burner (Control Device C001). Additionally, the incline particulate filters (Control Device C002) will be replaced with two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (Control Device C002) (or filters with equivalent or better control efficiency).



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

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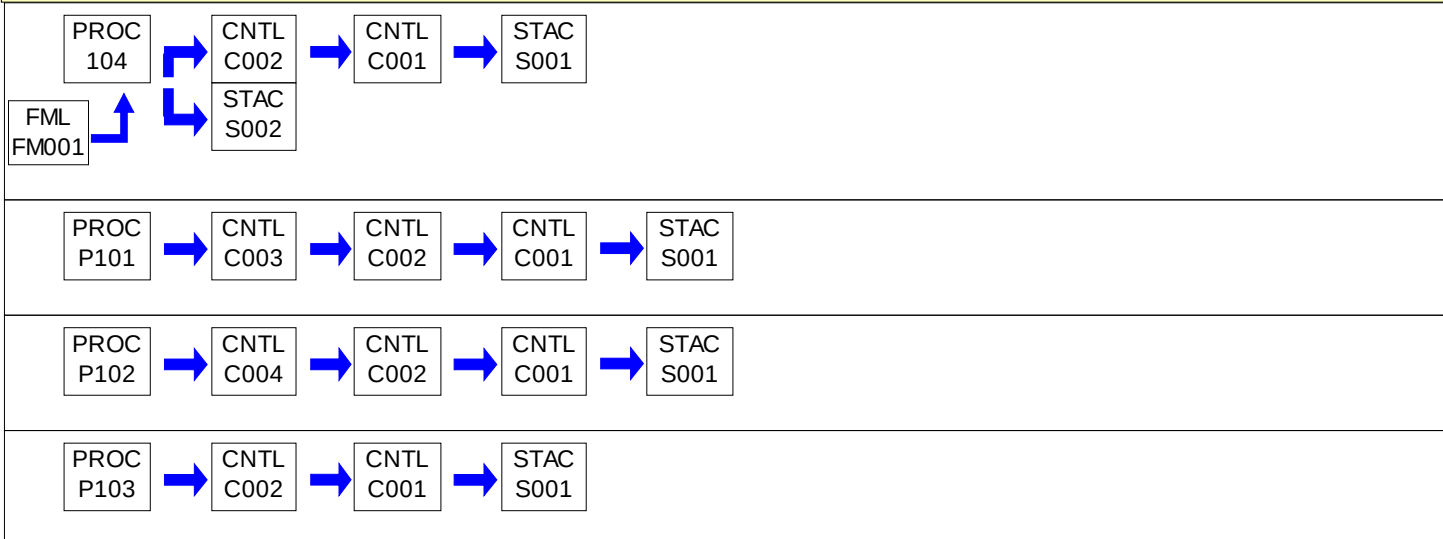
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
104	DRYING OVEN & COOL-DOWN CHAMBER		
P101	PRIMER PAINT BOOTHS		
P102	TOP COAT PAINT BOOTHS		
P103	PAINT MIXING & THINNING OPERATION		
C001	DURR MODEL OXI.X RC REGENERATIVE THERMAL OXIDIZER		
C002	FILTER ROOM		
C003	PRIMER PAINT BOOTH FILTERS		
C004	TOP COAT BOOTH FILTERS		
FM001	NATURAL GAS LINE		
S001	THERMAL OXIDIZER STACK		
S002	COOL-DOWN CHAMBER EXHAUST		

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.

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

II. TESTING REQUIREMENTS.

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

- (a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. One electronic copy shall be sent to the Northcentral Regional Office Air Quality Program Manager (RA-EPNCstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (RA-EPstacktesting@pa.gov). The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.
- (b) Pursuant to 25 Pa. Code § 139.3, 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 Northcentral Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.
- (c) Within sixty (60) days of the completion of the stack tests required by this permit, an electronically submitted copy of the report in .pdf format shall be submitted to the Department. This report shall contain the results of the tests, a description of the testing and analytical procedures actually used in performance of the tests, all process and operating data collected during the tests, a copy of all raw data, and a copy of all calculations generated during data analysis.
- (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 noncompliance 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) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), one electronic copy of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager (RA-EPNCstacktesting@pa.gov) and one electronic copy shall be sent to the PSIMS Administrator in Central Office (RA-EPstacktesting@pa.gov) when the file is 35 MB or less, or a flash drive when the file is over 35 MB.
- (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 Federal requirements, the most stringent provision, term, condition, method, or rule shall apply.

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).



SECTION C. Site Level Plan Approval 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.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

In the event that language in this plan approval contradicts language in SMOP 19-00020, the language in this plan approval shall supersede the language in SMOP 19-00020. Nothing in this plan approval relieves the permittee from complying with the requirements in SMOP 19-00020 that do not contradict the requirements in this plan approval.

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.

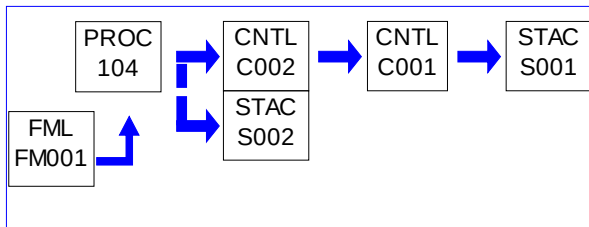
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 104

Source Name: DRYING OVEN & COOL-DOWN CHAMBER

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 3

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

The entrance to the drying oven and the drying oven incorporated in Source 104 shall be equipped with localized fume capture systems ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

The air contaminant emissions from the drying oven incorporated in Source 104 shall be controlled by a filter room containing two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (or filters with equivalent or better control efficiency) (Control Device C002) and Control Device C001. All exhaust gases from the drying oven incorporated in Source 104 shall be ducted to Control Device C002. In addition, all gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

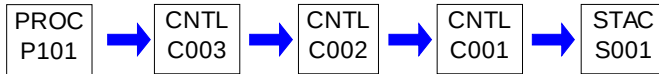
**SECTION D. Source Level Plan Approval Requirements**

Source ID: P101

Source Name: PRIMER PAINT BOOTHS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 3

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

Source P101 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

The air contaminant emissions from Source P101 shall be controlled by spray booth filters and filter bags (Control Device C003), a filter room containing two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (or filters with equivalent or better control efficiency) (Control Device C002) and a thermal oxidizer (Control Device C001). The exhaust of each spray booth incorporated in Source P101 shall be filtered by Control Device C003 before being ducted to Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

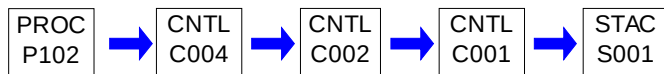
**SECTION D. Source Level Plan Approval Requirements**

Source ID: P102

Source Name: TOP COAT PAINT BOOTHS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 3

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

Source P102 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

The air contaminant emissions from Source P102 shall be controlled by spray booth filters and filter bags (Control Device C004), a filter room containing two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (or filters with equivalent or better control efficiency) (Control Device C002) and a thermal oxidizer (Control Device C001). The exhaust of each spray booth incorporated in Source P102 shall be filtered by Control Device C004 before being ducted to the Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

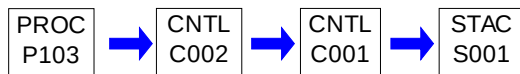
**SECTION D. Source Level Plan Approval Requirements**

Source ID: P103

Source Name: PAINT MIXING & THINNING OPERATION

Source Capacity/Throughput:

Conditions for this source occur in the following groups: 3

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

The paint mix room incorporated in Source P103 shall be equipped with a localized fume capture system ducted directly to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

The paint mix room incorporated in Source P103 shall not be ventilated in any way other than to Control Device C002. The exhaust of Control Device C002 shall be ducted directly to Control Device C001.

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

The air contaminant emissions from Source P103 shall be controlled by a filter room containing two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (or filters with equivalent or better control efficiency) (Control Device C002) and a thermal oxidizer (Control Device C001). All gases from Source P103 shall be ducted to Control Device C002. All gases ducted to Control Device C001 shall pass through Control Device C002 prior to entering Control Device C001.

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

Group Name: 3

Group Description: Plan Approval 19-00020A Thermal Oxidizer and Particulate Filters

Sources included in this group

ID	Name
104	DRYING OVEN & COOL-DOWN CHAMBER
P101	PRIMER PAINT BOOTHS
P102	TOP COAT PAINT BOOTHS
P103	PAINT MIXING & THINNING OPERATION

I. RESTRICTIONS.**Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The total combined volatile organic compound emissions from Sources 104, P101, P102 and P103 that escape capture and destruction shall be as low as possible, but in no case shall they exceed 14.8 tons in any 12 consecutive month period.

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

[Additional authority for this permit condition is derived from 25 Pa. Code §129.52(b)(2)]

No person may cause or permit the emission into the outdoor atmosphere of volatile organic compounds from Sources P101, P102 and P103; the flashoff area between Sources P101 and P102; the entrance to the drying oven incorporated in Source 104; and the drying oven incorporated in Source 104; unless the overall weight of volatile organic compounds emitted to the atmosphere by these sources is reduced through the use of Control Device C001. The overall efficiency of the control system for these sources, as determined by the test methods and procedures specified in 25 Pa. Code Chapter 139, shall be no less than the equivalent overall efficiency calculated as shown in 25 Pa. Code §129.52(b)(2).

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

(a) Within 180 days of installation of the regenerative thermal oxidizer (Control Device C001), the permittee shall conduct stack testing on Control Device C001 associated with Sources 104, P101, P102 and P103 to demonstrate compliance with the volatile organic compound capture efficiency and the volatile organic compound destruction efficiency requirements contained herein. Stack testing shall be conducted while Sources 104, P101, P102, and P103 are operating at the minimum volatile organic compound generation rate at which the permittee expects to operate Sources 104, P101, P102 and P103 and also while operating at a maximum volatile organic compound generation rate.

(b) During the performance of stack testing at the minimum volatile organic compound generation rate, the thermal oxidizer shall not be intentionally operated such that the hottest part of the regenerative beds of the thermal oxidizer exceeds a maximum temperature of 1,750°F or falls below a temperature of 1,550°F. All testing is to be done using EPA reference method test procedures acceptable to the Department.

(c) The performance test shall consist of three (3) separate test runs and each run shall last at least one (1) hour in duration.

(d) Subsequent stack tests shall be conducted within five years of the previous stack test.

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

Control Device C001 associated with Sources 104, P101, P102 and P103 shall be equipped with instrumentation to monitor and record the temperature at the hottest part of the regenerative beds of Control Device C001 on a continuous basis. Control Device C001 shall be equipped with three thermocouples per media bed and two dual-element

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

thermocouples in the combustion chamber.

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

A pressure differential monitoring device shall be mounted in the area of the two 8' x 8' access doors which exist between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant, and shall be used to continuously monitor the pressure differential between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant. This monitoring device shall be equipped with an alarm which will be activated if the air pressure in the building or room housing Sources 104, P101, P102 and P103 becomes positive in relation to the air pressure in the remainder of the plant.

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

The differential pressure across the two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (Control Device C002) shall be accurately and continuously measured with a pressure differential monitoring device.

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

(a) The permittee shall maintain such accurate and comprehensive records as are necessary to determine compliance with the total combined volatile organic compound emission limitation of 14.8 tons in any 12 consecutive month period for Sources 104, P101, P102 and P103. At a minimum, these records shall include the following:

(1) the identity of each volatile organic compound-containing and/or volatile hazardous air pollutant-containing material used in Sources 104, P101, P102 and P103;

(2) the amount in gallons of each material used each month in Sources 104, P101, P102 and P103;

(3) the volatile organic compound content of each such material in pounds per gallon;

(4) the identity and content in pounds per gallon of each individual volatile hazardous air pollutant contained in each such material;

(5) the amount of volatile organic compounds and the amount of each individual hazardous air pollutant emitted from Sources 104, P101, P102 and P103 during each month from the use of each individual material; and

(6) an up-to-date Certified Product Data Sheet (CPDS) or Material Safety Data Sheet (MSDS) for each such material used in Sources 104, P101, P102 and P103.

(b) All records generated pursuant to this condition shall be generated and complete no later than 15 calendar days after the end of each month (for example, the record covering the 12-consecutive month period beginning at the start of August 2026 through the end of July 2027 shall be completed by August 15, 2027).

(c) All records shall be retained for a period of at least 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall maintain accurate and comprehensive records of the following:

(1) records of the regenerative bed temperatures, electronic or paper, continuously recorded during the operation of Control Device C001;

(2) the pressure differential, recorded at least once daily, between the building or room housing Sources 104, P101, P102 and P103 and the remainder of the plant; and

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

(3) the pressure differential, recorded at least once daily, across the particulate filters (Control Device C002).

(b) All records shall be retained for a period of at least 5 years and shall be made available to the Department upon request.

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

(a) The permittee shall submit semi-annual reports to the Department for Sources 104, P101, P102 and P103, which includes the supporting calculations utilized to verify compliance with the volatile organic compound emission limitation in any 12 consecutive month period.

(b) The semi-annual reports shall be submitted to the Department by no later than September 1 (for July 1 of the previous year through June 30 of the concurrent year) and March 1 (January 1 through December 31 of the previous year).

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

The permittee shall utilize two klaxon style alarms to protect against improper operating circumstances. One shall be located in the immediate area of Control Device C001 and one located in the plant. If one or both of the alarms are tripped, the Paint Line chain shall turn off and the oven temperature will drop to 250°F.

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

(a) The hottest part of the regenerative beds of Control Device C001 associated with Sources 104, P101, P102 and P103 shall be maintained at a temperature of at least 1,600°F whenever Sources 104, P101, P102 or P103 are in operation except during the performance of stack testing when the temperature of the hottest part of the regenerative beds may be less than 1,600°F, but at no time lower than 1,550°F.

(b) The hottest part of the regenerative beds of the thermal oxidizer shall not exceed a maximum temperature of 1,750°F at any time.

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

The building or room housing Sources 104, P101, P102 and P103 shall not be equipped with any openings or doors other than those which remain closed whenever surface coating is occurring, nor shall the building or room be equipped with any exhaust or ventilation systems other than those associated with Control Device C001 and the cool-down chamber incorporated in Source 104.

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

The building or room housing Sources 104, P101, P102 and P103 shall be maintained under negative pressure whenever surface coating is occurring.

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

The makeup air rate to the building or room housing Sources 104, P101, P102 and P103 shall at all times be less than the total exhaust flow to Control Device C001.

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

All gases ducted to Control Device C001 including those from Sources P101 and P102 which have already passed through spray booth filters and filter bags, shall be passed through a filter room containing two-stage AirFlex AAF 2" PREpleat LPD SC and DriPak particulate filters (or filters with equivalent or better control efficiency) (Control Device C002).

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

The particulate filters in Control Device C002 shall be inspected and replaced in accordance with the manufacturer's

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

recommendations and specifications. The particulate filters in Control Device C002 shall be replaced with new filters when the pressure differential equals or exceeds 2 inches of water gauge.

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

Sources 104, P101, P102 and P103 shall not be operated without the simultaneous operation of their associated control devices.

VII. ADDITIONAL REQUIREMENTS.**# 018 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The volatile organic compound capture system associated with Control Device C001 shall capture 90% or more (on a mass basis) of the volatile organic compound emissions produced by Sources 104, P101, P102 and P103. Control Device C001 shall destroy the volatile organic compound emissions ducted to it with minimum control efficiency of 95% (on a mass basis).

019 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Control Device C001 does not need to be equipped with a natural gas injection system capable of injecting up to 2,200 cubic feet of natural gas per hour into each module associated with Control Device C001.

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

Control Device C001 is a Durr model Oxi.XRC RTO equipped with one 8.69 MMBtu/hr natural-gas-fired burner.

**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 *****
