



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: May 5, 2026

Effective Date: May 5, 2026

Expiration Date: May 31, 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. 42-00158S

Federal Tax Id - Plant Code: 46-1699660-1

Owner Information

Name: GEORGIA PACIFIC PANEL PRODUCTS LLC

Mailing Address: 149 TEMPLE DR
KANE, PA 16735-5343

Plant Information

Plant: GEORGIA PACIFIC PANEL PRODUCTS LLC/MOUNT JEWETT MDF

Location: 42 McKean County 42920 Sergeant Township

SIC Code: 2493 Manufacturing - Reconstituted Wood Products

Responsible Official

Name: SIDNEY BECKWITH

Title: PLANT MANAGER

Phone: (814) 778 - 2672

Email: Sid.Beckwith@gapac.com

Plan Approval Contact Person

Name: VICTORIA CHALLINGSWORTH

Title: ENVIRONMENTAL MANAGER

Phone: (814) 778 - 2622

Email: victoria.challingsworth@gapac.com

[Signature] _____

LORI L. MCNABB, NORTHWEST REGION AIR PROGRAM MANAGER



Plan Approval Description

This plan approval is to renew the NOx Plant Wide Applicability Limit (PAL). Source 218M is being removed and the calculation methods for various sources are being updated.



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

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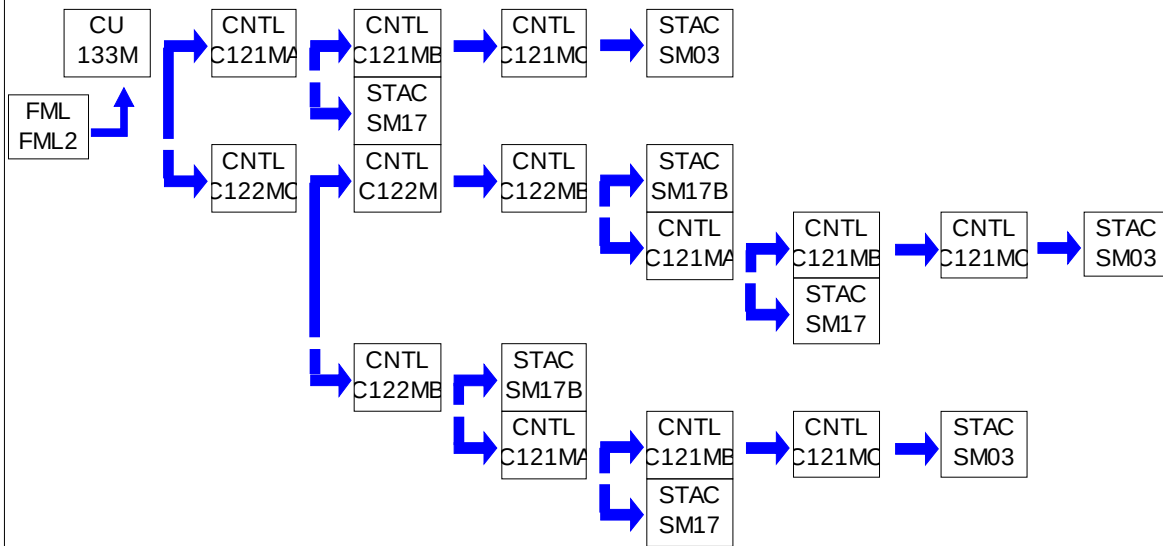
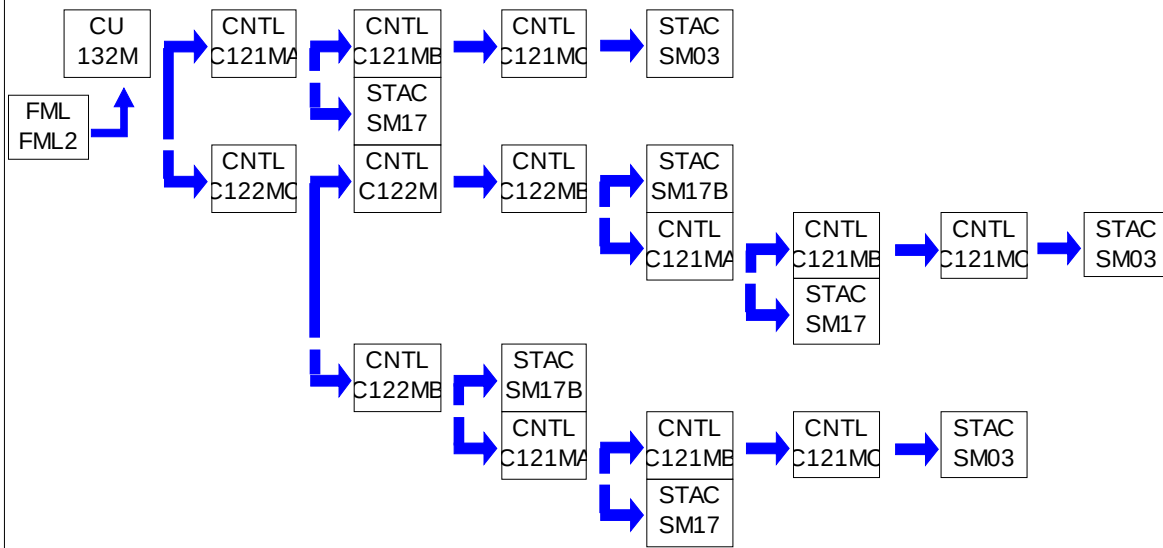
**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
132M	MDF WESTEC PANEL BURNER	54.000 MMBTU/HR	
		50,000.000 CF/HR	Natural Gas
133M	MDF WESTEC COEN BURNER	43.000 MMBTU/HR	
		40,000.000 CF/HR	Natural Gas
134M	MDF GEKA COEN BURNER	49.900 MMBTU/HR	
		46.420 MCF/HR	Natural Gas
135M	MDF STANDBY GAS FIRED OIL HEATER GEKA AUX	43.000 MMBTU/HR	
		40,000.000 CF/HR	Natural Gas
041M	SPACE HEATERS	1.201 MMBTU/HR	
		1,201.000 CF/HR	Natural Gas
042M	PRODUCTION AREA HEATERS	34.790 MMBTU/HR	
		32,363.000 CF/HR	Natural Gas
051M	EMERGENCY GENERATORS / EMERGENCY FIRE PUMP	48.680 Gal/HR	#2 Oil
120M	MDF REFINER	24,210.000 Sq Ft/HR	ON A 3/4" BASIS
121M	MDF FIRST STAGE WESTEC FIBER DRYER	36.300 Tons/HR	ODT/HR, FIBER
122M	MDF SECOND STAGE FIBER DRYER	36.300 Tons/HR	ODT/HR, FIBER
124M	MDF PRESS & UNLOADER	24,210.000 Sq Ft/HR	ON A 3/4" BASIS
C120M	MDF START UP CYCLONE		
C121MA	MDF FIRST STAGE FIBER DRYER TWIN CYCLONES		
C121MB	MDF FIRST STAGE FIBER DRYER WET ESP		
C121MC	MDF FIRST STAGE RTO		
C122M	MDF SECOND STAGE DRYER BAGHOUSE		
C122MB	MDF SECOND STAGE DRYER SECOND BAGHOUSE		
C122MC	MDF SECOND STAGE DRYER CYCLONE		
C124M	MDF PRESS & UNLOADER TCO		
FML2	PIPELINE NATURAL GAS		
FML3	DIESEL FUEL TANKS		
S041M	STACK - SPACE HEATERS		
S042M	STACK - PRODUCTION AREA HEATERS		
S051M	EMERGENCY GENERATORS / EMERGENCY FIRE PUMP STACKS		
SM02	MDF STARTUP CYCLONE STACK		
SM03	MDF FIRST STAGE DRYER RTO STACK		
SM06	MDF PRESS & UNLOADER TCO STACK		
SM06A	PRESS OPERATIONS ABORT STACK		
SM13	MDF GEKA COEN BURNER ABORT STACK		
SM17	MDF DRYER ABORT FOR WESP		
SM17B	2ND STAGE RECIRCULATION AIR / ABORT STACK		
Z01	FUGITIVES		

PERMIT MAPS

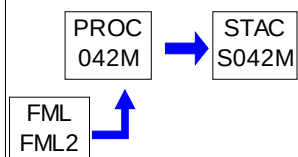
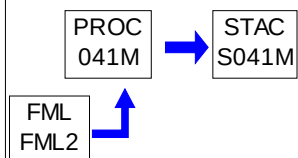
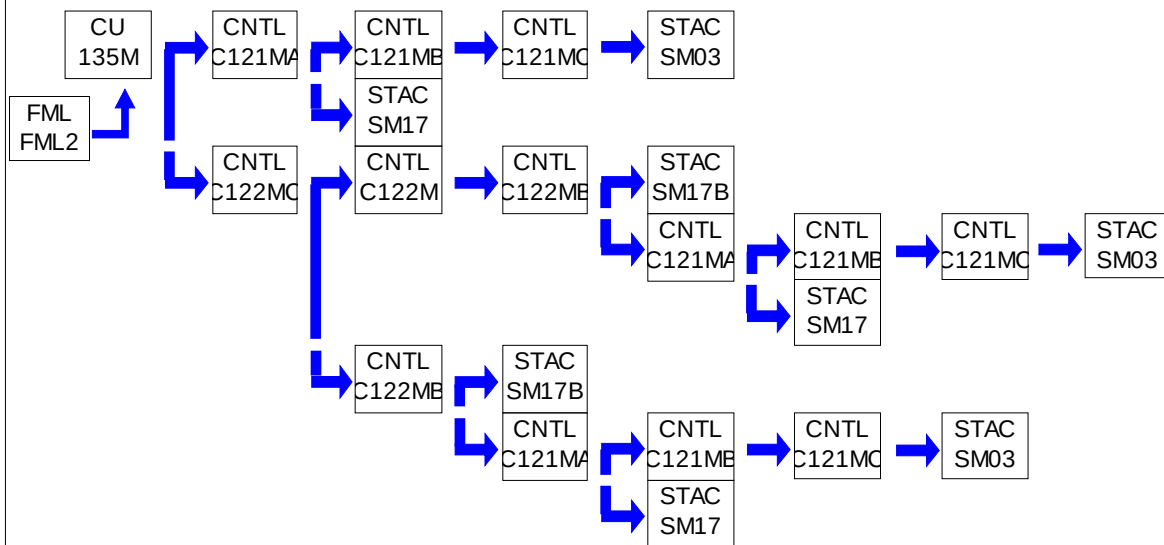
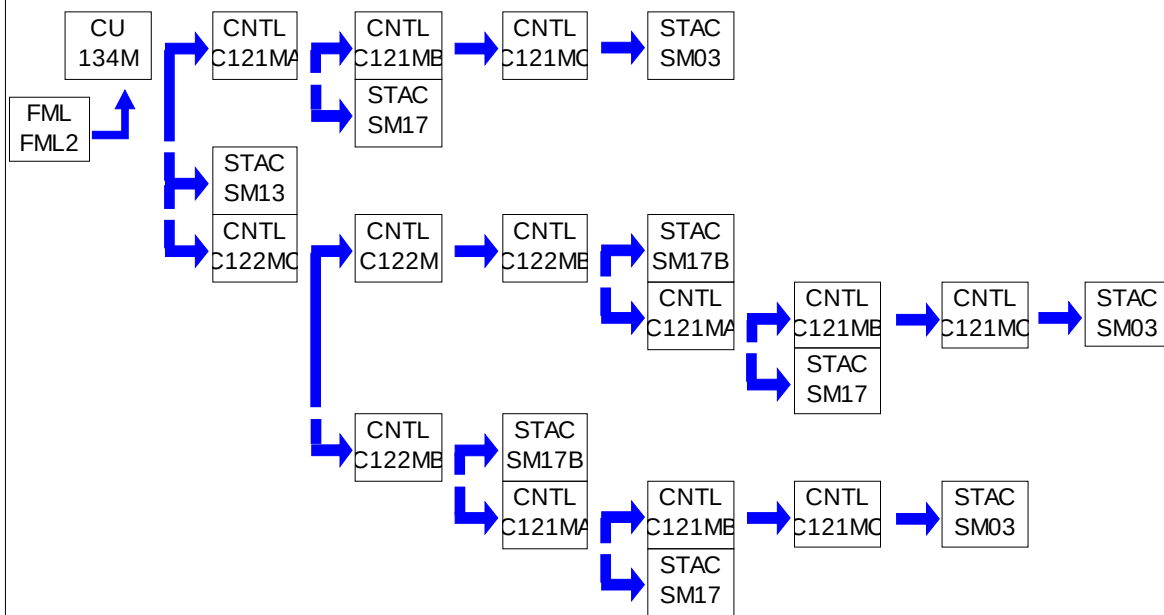


PERMIT MAPS



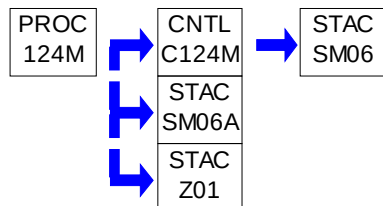
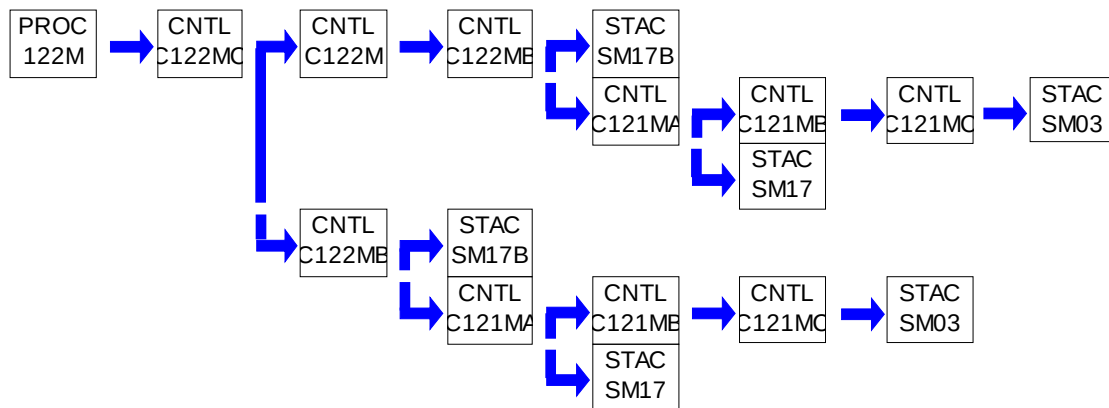
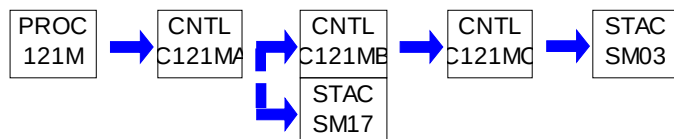
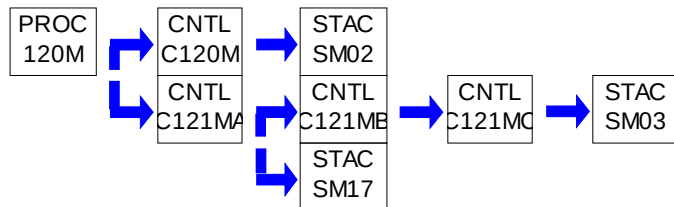
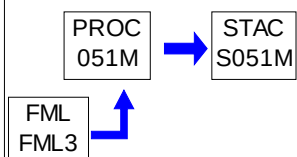


PERMIT MAPS





PERMIT MAPS



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

- (a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.
- (b) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (c) The permittee fails to submit a report required by this plan approval.
- (d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

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

- (a) The permittee, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.
- (b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this plan approval, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

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

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

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the plan approval transmittal letter or otherwise notified)

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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



SECTION C. Site Level Plan Approval Requirements

I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

(a) The PAL as established for NO_x emissions from all affected sources at the facility is 129.38 tpy calculated as a 12-month rolling total.

[This condition replaces the previous condition #001 from Title V operating permit 42-00158, Section E, Source Group 05 - PAL 42-158Q which reads as follows: The PAL as established for NO_x emissions from all affected sources at the facility is 171.14 tpy calculated as a 12-month rolling total.]

[Source: Plan Approval 42-158Q] [Authority for this condition is also derived from 25 PA Code 127.218(g)(i) & 40 CFR 52.21(aa)(7)(i).]

[Plan Approval 42-00158S]

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.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

All applicable additional conditions as specified in the Title V operating permit 42-00158 issued on 06/24/2025 shall remain in effect unless superseded or amend by a condition contained herein. If there is a conflict between a condition contained in the Title V operating permit 42-00158 and a condition contained herein, the permittee shall comply with the condition contained herein rather than the conflicting condition contained in the Title V operating permit 42-00158.

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: 132M

Source Name: MDF WESTEC PANEL BURNER

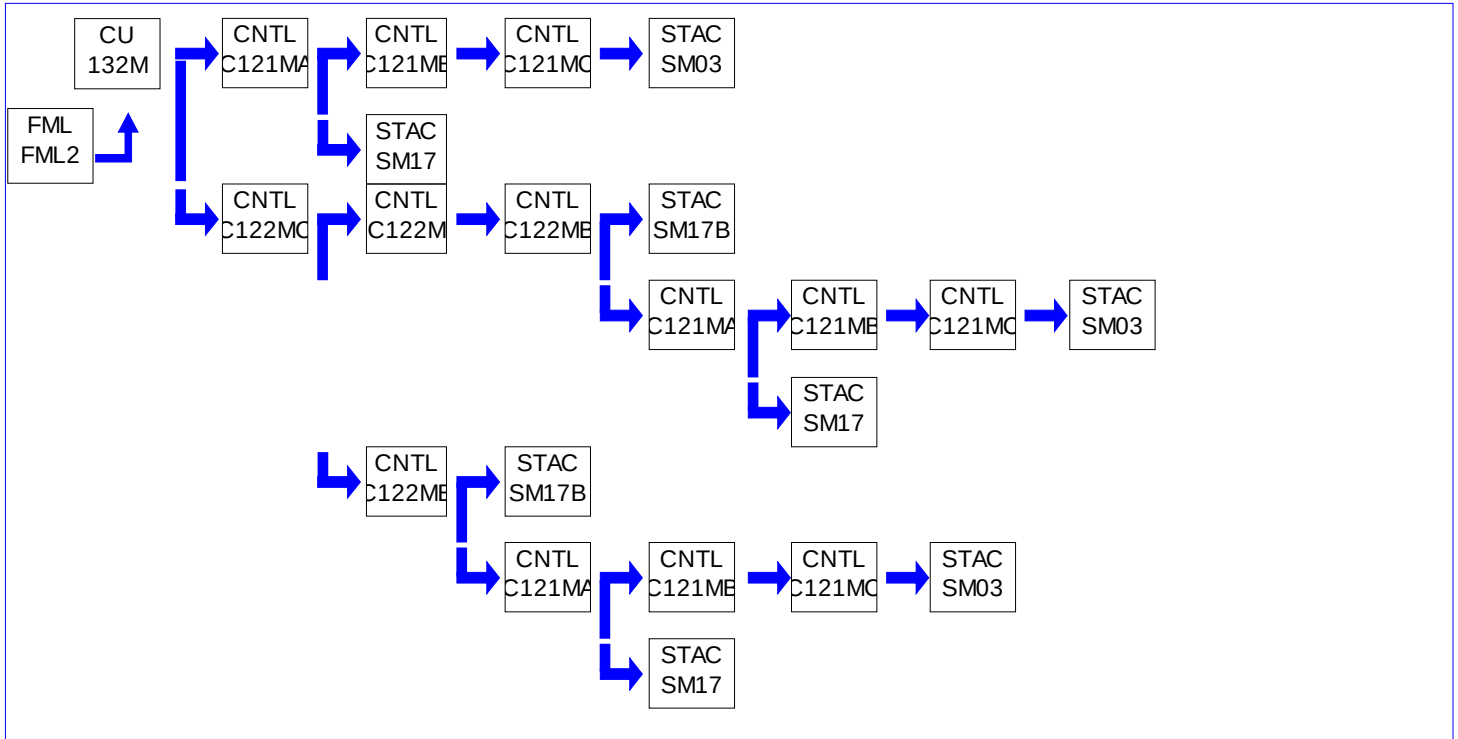
Source Capacity/Throughput:

54.000 MMBTU/HR

50,000.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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).

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Westec Panel Burner (Source 132M) is rated at 54 million BTU/hr and will be used as supplemental heat for the first and second stage dryers (Sources 121M & 122M) at the MDF Plant).

[This condition replaces the previous condition #003 from title V operating permit 42-00158, Section D, Source 132M - MDF Westec Panel Burner which reads as follows:

The Westec Panel Burner (Source 132M) is rated at 50 million BTU/hr and will be used as supplemental heat for the first and second stage dryers (Sources 121M & 122M) at the MDF Plant.]

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

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: 134M

Source Name: MDF GEKA COEN BURNER

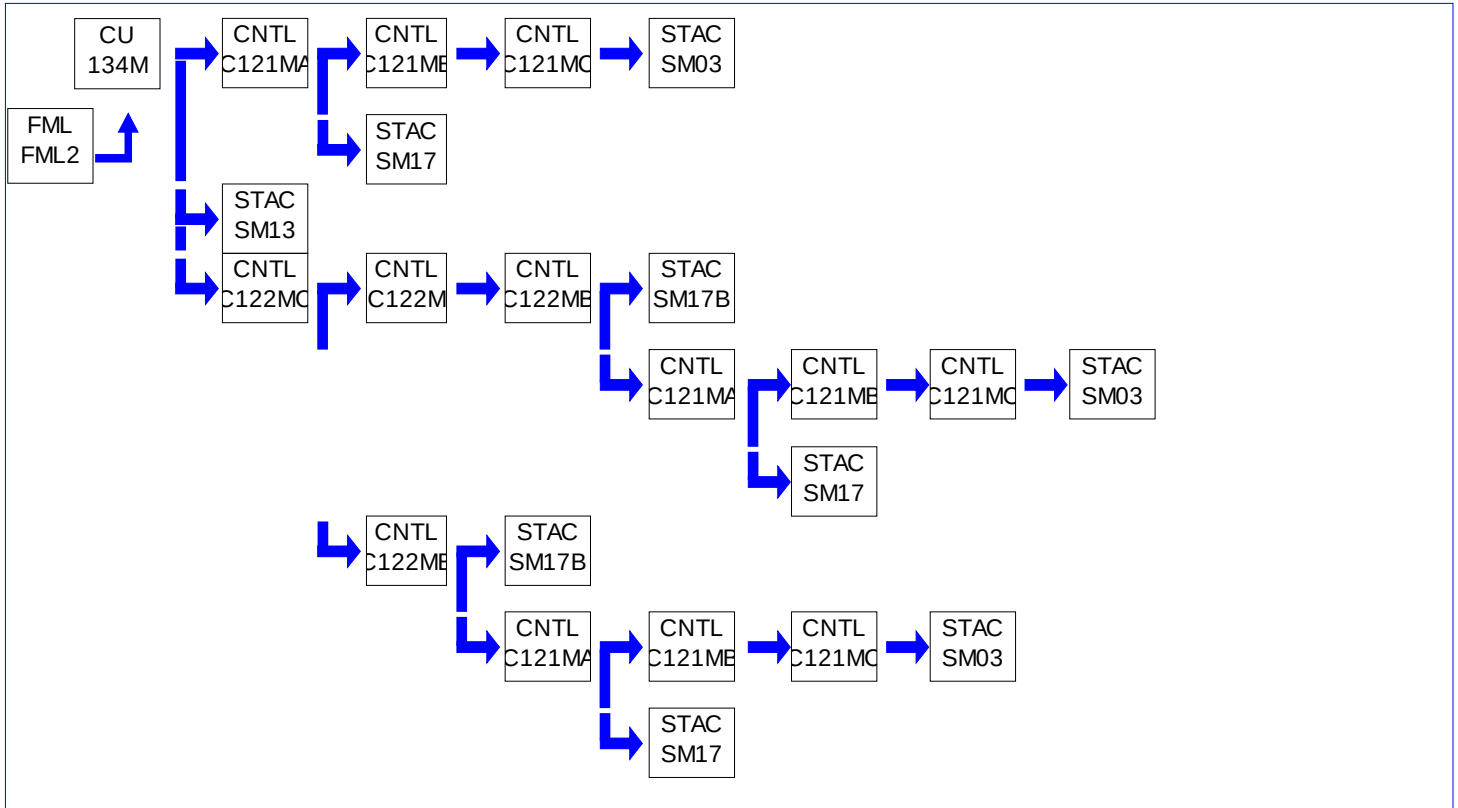
Source Capacity/Throughput:

49.900 MMBTU/HR

46.420 MCF/HR

Natural Gas

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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).



SECTION D. Source Level Plan Approval 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) 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: 135M

Source Name: MDF STANDBY GAS FIRED OIL HEATER GEKA AUX

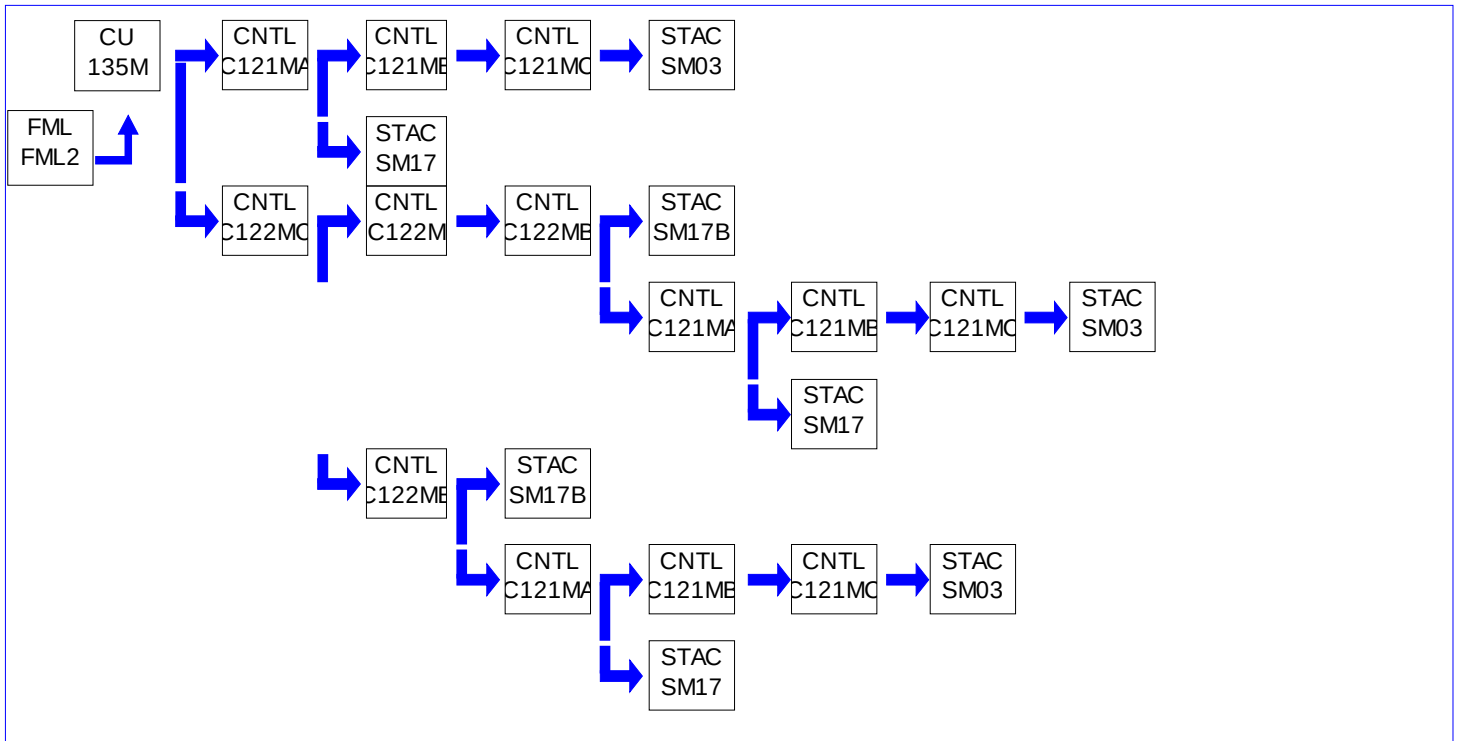
Source Capacity/Throughput:

43.000 MMBTU/HR

40,000.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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).

**SECTION D. Source Level Plan Approval Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The 43 million Btu/hr MDF Geka Auxiliary Burner (Source 135M) shall be used either in conjunction with, or as a backup heat supply to the Geka Coen Burner (Source 134M) [thermal oil for the press at the MDF Plant].

[This condition replaces the previous condition #006 from Title V operating permit 42-00158, Section D, Source 135M - MDF STANDBY GAS FIRED OIL HEATER GEKA AUX which reads as follows:

The 40 million Btu/hr MDF Geka Auxiliary Burner (Source 135M) shall be used either in conjunction with, or as a backup heat supply to the Geka Coen Burner (Source 134M) [thermal oil for the press at the MDF Plant].

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: 041M

Source Name: SPACE HEATERS

Source Capacity/Throughput: 1.201 MMBTU/HR

1,201.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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: 042M

Source Name: PRODUCTION AREA HEATERS

Source Capacity/Throughput: 34.790 MMBTU/HR

32,363.000 CF/HR

Natural Gas

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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: 051M

Source Name: EMERGENCY GENERATORS / EMERGENCY FIRE PUMP

Source Capacity/Throughput:

48.680 Gal/HR

#2 Oil

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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).

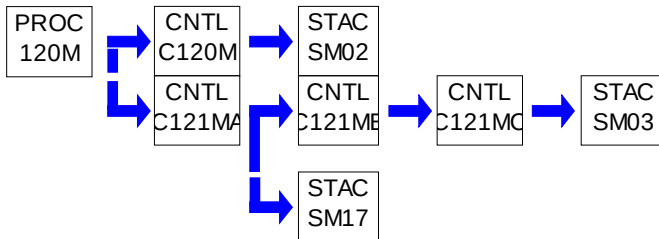
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 120M

Source Name: MDF REFINER

Source Capacity/Throughput: 24,210.000 Sq Ft/HR ON A 3/4" BASIS

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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: 121M

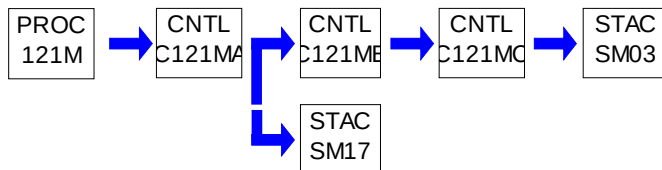
Source Name: MDF FIRST STAGE WESTEC FIBER DRYER

Source Capacity/Throughput:

36.300 Tons/HR

ODT/HR, FIBER

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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: 122M

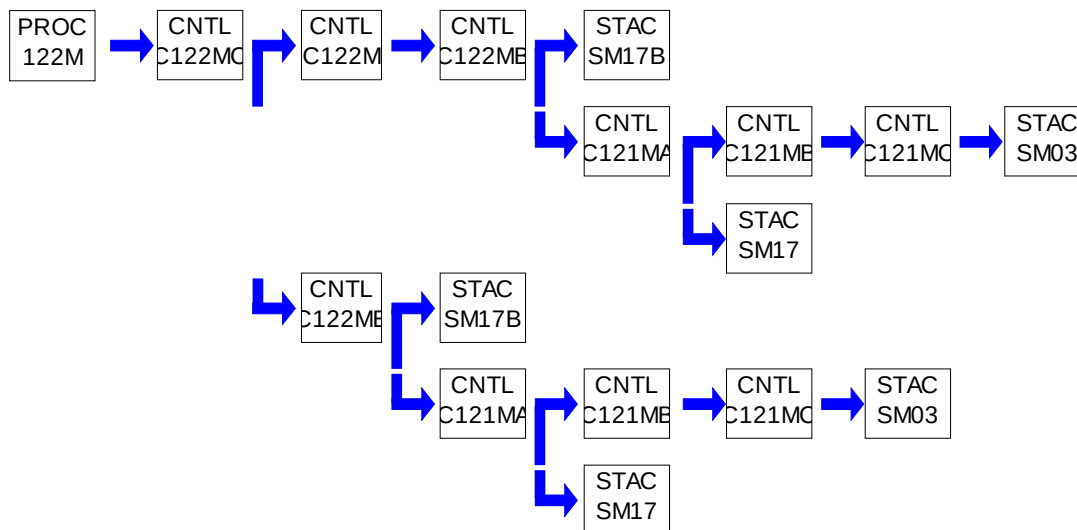
Source Name: MDF SECOND STAGE FIBER DRYER

Source Capacity/Throughput:

36.300 Tons/HR

ODT/HR, FIBER

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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).



SECTION D. Source Level Plan Approval Requirements

VII. ADDITIONAL REQUIREMENTS.

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

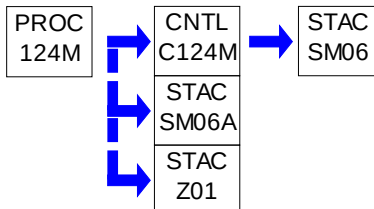
**SECTION D. Source Level Plan Approval Requirements**

Source ID: 124M

Source Name: MDF PRESS & UNLOADER

Source Capacity/Throughput: 24,210.000 Sq Ft/HR ON A 3/4" BASIS

Conditions for this source occur in the following groups: 05-PAL 42-158S

**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: 05-PAL 42-158S

Group Description: PAL 42-158S

Sources included in this group

ID	Name
041M	SPACE HEATERS
042M	PRODUCTION AREA HEATERS
051M	EMERGENCY GENERATORS / EMERGENCY FIRE PUMP
120M	MDF REFINER
121M	MDF FIRST STAGE WESTEC FIBER DRYER
122M	MDF SECOND STAGE FIBER DRYER
124M	MDF PRESS & UNLOADER
132M	MDF WESTEC PANEL BURNER
133M	MDF WESTEC COEN BURNER
134M	MDF GEKA COEN BURNER
135M	MDF STANDBY GAS FIRED OIL HEATER GEKA AUX
C121MC	MDF FIRST STAGE RTO

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) The facility shall convert the monitoring system data to monthly emissions and annual emissions based on a 12-month rolling total for each month as follows:

1. Source ID 041M and 042M: Emissions Factor (lb/MMBtu) * Actual Monthly Natural Gas Usage (MMBtu/month) / 2,000 (lbs/ton) = Monthly Tons

2. Source ID 051M: Emissions Factor (lb/MMBtu) * Actual Monthly Diesel throughput (gal/month) * Diesel Higher Heat Value (MMBtu/gal) / 2,000 (lbs/ton) = Monthly Tons

3. Source ID 120M, 121M, 122M, 132M, 133M, 134M, 135M, and C121MC: Emissions Factor (lb/MMBtu) * Actual Monthly Natural Gas Usage for Source 132M, 133M, 134M, and 135M, and the RTO (MMBtu/month) / 2,000 (lbs/ton) = Monthly Tons

4. Source ID 124M: Emission Factor (lb/MSF, 3/4" basis) * Monthly Throughput (MSF/month, 3/4" basis) / 2,000 (lbs/ton) = Monthly Tons

[This condition replaces the previous condition #003 (a) from Title V operating permit 42-00158, Section E, Source Group 05 - PAL 42-158Q which reads as follows:

(a) The facility shall convert the monitoring system data to monthly emissions and annual emissions based on a 12-month rolling total for each month as follows:

Medium Density Fiberboard (MDF): Emission factors for indicated emission unit X monthly hours of MDF plant operation / 2000 lbs / ton = Monthly tons at specified emission unit.

Paragraph (a) is from Plan Approval 42-158Q. Authority also derived from 25 PA Code 127.218(g)(6) & (b)(3) & 40 CFR 52.21(aa)(7)(vi) & (3)(iii)]

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

[Plan Approval 42-00158S]

(b) ii. Emission factors approved/provided within Plan Approval 42-00158S. Please see Section H for the emission factors.

[This condition replaces the previous condition #003 (c)(ii) from Title V operating permit 42-00158, Section E, Source Group 05 - PAL 42-158Q which reads as follows:

(ii) Existing emission factors used in Plan Approval 42-158H issued by the Department on June 9, 2003.]

[Plan Approval 42-00158S]

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.**

(a) This is the same source group as the 05- PAL 42-158Q source group in the Title V 42-00158 operating permit issued on 06/24/2025. All applicable conditions as specified in the Title V 42-00158 source group shall remain in effect unless superseded or amended by a condition contained herein. If there is a conflict between a condition contained in the Title V Operating permit 42-00158 and a condition contained herein, the permittee shall comply with the condition contained herein rather than the conflicting condition contained in the Title V operating permit 42-00158 issued on 06/24/2025.

[Plan Approval 42-00158S]

(b) The source group name in the Title V operating permit 42-00158 issued on 06/24/2025 shall be changed from 05 - PAL 42-158Q to 05 - PAL 42-158S.

[Plan Approval 42-00158S]

(c) The PAL is effective from the date of issuance of plan approval 42-00158S and expires 10 years from the date of issuance of plan approval 42-00158S.

[This condition replaces the previous condition #007 from Title V operating permit 42-00158, Section E, Source Group 05- PAL 42-158Q which reads as follows: The PAL is effective from the date of issuance of plan approval 42-158Q and expires after 10 years from the date of issuance of this approval.]

Plan approval 42-158Q renewed the NOx PAL and was issued on November 20, 2015. That NOx PAL expired on November 20, 2025. An application to renew the PAL was received timely on April 14, 2025, in accordance with 25 Pa. Code 127.218(k)(2) and is under review by the Department and is assigned pending plan approval application # 42-00158S.

[Plan Approval 42-00158S]

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this Plan Approval facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description		
132M	MDF WESTEC PANEL BURNER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
133M	MDF WESTEC COEN BURNER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
134M	MDF GEKA COEN BURNER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
135M	MDF STANDBY GAS FIRED OIL HEATER GEKA AUX		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
041M	SPACE HEATERS		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
042M	PRODUCTION AREA HEATERS		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
051M	EMERGENCY GENERATORS / EMERGENCY FIRE PUMP		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
120M	MDF REFINER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
121M	MDF FIRST STAGE WESTEC FIBER DRYER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
122M	MDF SECOND STAGE FIBER DRYER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX
124M	MDF PRESS & UNLOADER		
Emission Limit		Pollutant	
129.380	Tons/Yr	Calculated as a 12-month rolling total	NOX

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description
C121MC	MDF FIRST STAGE RTO
Emission Limit	
129.380 Tons/Yr	Calculated as a 12-month rolling total
Pollutant	
NOX	

Site Emission Restriction Summary

Emission Limit	
129.380 Tons/Yr	As a 12-month rolling total
Pollutant	
NOX	

**SECTION H. Miscellaneous.**

Emission Factors Submitted/Approved by Plan Approval 42-00158S.

Source 124M - 0.19 lb/MSF (3/4" basis)

Sources 041M, 042M - 0.098 lb/MMBtu

MDF Refiner and Dryer System (Includes Sources 120M, 121M, 122M, 132M, 133M, 134M, 135M) - 0.1 lb/MMBtu.

Source 051M - 0.031 lb/HP-hr

These emission factors shall be updated through subsequent stack testing results as applicable, in accordance with Condition #002, and #003, from Section E Source Group 05 - PAL 42-158Q from the 06/24/2025 operating permit shown below.

Condition #002 from Section E Source Group 05 - PAL 42-158Q:

The owner or operator of the facility shall perform NO_x emissions tests within 6 months of issuance of the revised PAL permit and every 3 years thereafter for the MDF Fiber Dryer RTO exhaust and the MDF Press / Unloader TCO exhaust to determine a site-specific emission factor.

[From Plan Approval 42-158I]

Condition #003 from Section E Source Group 05 - PAL 42-158Q:

[(d) Emission factors. An owner or operator using emission factors to monitor PAL pollutant emissions shall meet the following requirements:

(1) All emission factors shall be adjusted, if appropriate, to account for the degree of uncertainty or limitations in the factors' development;

(2) The emissions unit shall operate within the designated range of use for the emission factor, if applicable; and

(3) If technically practicable, the owner or operator of a significant emissions unit that relies on an emission factor to calculate PAL pollutant emissions shall conduct validation testing to determine a site-specific emission factor within 6 months of PAL permit issuance, unless the Administrator determines that testing is not required.

[Paragraph (d) is from Plan Approval 42-158Q. Authority is also derived from 25 PA Code 127.218(m)(9) & 40 CFR 52.21 (aa)(12)(vi)]

(e) Re-validation. All data used to establish the PAL pollutant must be re-validated through performance testing or other scientifically valid means approved in writing by the Administrator. Such testing must occur at least once every 5 years after issuance of the PAL permit.

[Paragraph (e) is from Plan Approval 42-158Q. Authority is also derived from 25 PA Code 127.218(m)(12) & 40 CFR 52.21(aa)(12)(ix)]



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