



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

PLAN APPROVAL

Issue Date: February 20, 2025 Effective Date: June 25, 2026
Revision Date: June 25, 2026 Expiration Date: December 28, 2026
Revision Type: Extension

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. 63-01084A

Federal Tax Id - Plant Code: 20-4645035-2

Owner Information

Name: NORTH FAYETTE SUPPLY LLC
Mailing Address: 117 N MAIN ST
GREENSBURG, PA 15601-2403

Plant Information

Plant: NORTH FAYETTE SUPPLY LLC/SPEERS ASPHALT PLT
Location: 63 Washington County 63957 Speers Borough
SIC Code:

Responsible Official

Name: VINCE TRESCO
Title: OWN
Phone: (724) 838 - 1828 Email: blacktopmd@yahoo.com

Plan Approval Contact Person

Name: VINCE TRESCO
Title: OWN
Phone: (412) 370 - 9245 Email: blacktopmd@yahoo.com

[Signature] _____

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



Plan Approval Description

This plan approval is for one (1) Counterflow Drum Mix Plant, manufactured by Gencor Industries Inc, model 400 tph that includes one (1) 135 MMBtu/hr liquid propane/natural gas fired burner model Gencor Ultra II and one (1) 2 MMBtu/hr liquid propane/natural gas fired burner model HYCGO-200 and two (2) vertical 30,000 gallon asphalt cement storage tanks, one (1) 57,099 SCFM suction baghouse model CFP-182 equipped with a Bag Leak Detection System. This plan approval will also include truck loadout for ingoing Recycled Asphalt Paving/aggregate in-process dump truck material movement/outgoing product, vibrating screens, impactor, augers, and three (3) 300 ton HMA storage silos.

The modification of this plan approval, on June 6, 2025, will allow for the start of the shakedown period since construction is complete at this facility.

The extension of this plan approval, on December 1, 2025, will allow for the continuation of the shakedown period so that North Fayette Supply can prepare for the Initial Plan Approval Inspection.

The extension of this plan approval, on June 25, 2026, will allow for the continuation of the shakedown period so that the Department can finalize the IPI and North Fayette Supply can submit an operating permit application.



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

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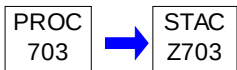
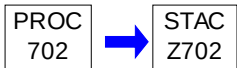
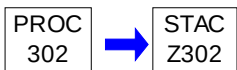
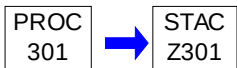
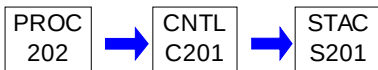
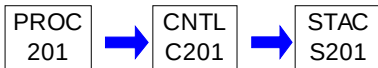
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**SECTION A. Plan Approval Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
201	400 TPH HOT MIX ASPHALT PLANT W 135 MMBTU/HR BURNER		
202	ASPHALT CEMENT STORAGE TANK BURNER 2 MMBTU/HR		
301	TWO (2) 30,000 GALLON ASPHALT STORAGE TANKS		
302	THREE (3) 300 TON HMA SILOS		
702	TRUCK LOADOUT / LOADIN PRODUCT / MATERIAL MOVEMENT		
703	VIB SCREENS, IMPACTOR, CONVEYORS, AUGERS		
C201	HOT MIX ASPHALT PLANT BAGHOUSE		
S201	BAGHOUSE STACK		
Z301	ASPHALT CEMENT STORAGE TANK FUGITIVES		
Z302	HMA SILO FUGITIVES		
Z702	TRUCK AND MATERIAL MOVEMENT FUGITIVES		
Z703	VIB SCREENS, IMPACTOR, CONVEYORS, AUGERS FUGITIVES		

PERMIT MAPS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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

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

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

- (a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).
- (b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:
 - (1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

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

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

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

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

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

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

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

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

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

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

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

The permittee may not permit the emission into the outdoor atmosphere of a fugitive air contaminant from a source other than those allowed under 25 Pa Code §123.1.

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

The owner/operator may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa Code §123.1(a)(1)-(9) (relating to prohibitions of certain fugitive emissions) if the emissions are visible at the point the emissions pass outside the owner/operator's property.

004 [25 Pa. Code §123.31]**Limitations**

A person may not permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source, in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.**# 005 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions may be measured using either of the following:

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

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

A facility-wide inspection shall be conducted at a minimum of once each day that the facility operates by the owner/operator. The facility-wide inspection shall be conducted for the presence of the following:

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

These observations are to ensure continued compliance with source-specific visible emission limitations, fugitive emissions prohibited under 25 Pa Code §§123.1 or 123.2, and malodors prohibited under 25 Pa Code §123.31. Observations for visible stack emissions shall be conducted during daylight hours and all observations shall be conducted for all sources in operation at the time of the facility-wide inspection. If any visible stack emissions, fugitive emissions, or potentially objectionable odors are apparent, the owner/operator shall take corrective action. Records of each inspection shall be maintained in a log and at the minimum include the date, time, name, and title of the observer, along with any corrective actions taken as a result.

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

The air to fuel ratio controls shall be inspected and adjusted to ensure proper operation in accordance with the manufacturer's instruction at least annually by June 15 of that calendar year.

**SECTION C. Site Level Plan Approval Requirements****# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The Owner/Operator shall monitor emissions from the counterflow drum to ensure that they are completely contained and captured by the proposed baghouse at a minimum of daily.

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

The permittee shall maintain the following comprehensive and accurate records:

- (a) Facilitywide emissions on a 12-month rolling basis for NO_x, CO, SO_x, VOC, PM, PM₁₀, PM_{2.5}, total HAPs, and CO₂e.
- (b) Results of facility-wide inspections for visible stack emissions, fugitive emissions, and/or potentially objectionable odors including the date, time, name, and title of the observer, along with any corrective actions taken as a result.
- (c) Copies of the manufacturer's recommended maintenance schedule for each air source and air cleaning device.
- (d) All maintenance performed on each source and air cleaning device.

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

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

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

In accordance with 25 Pa Code §135.3, the owner or operator of a facility shall submit to the Department via AES*Online or AES*XML at www.depgreenport.state.pa.us/ by March 1st of each year, a facility inventory report for the preceding calendar year for all sources regulated under this plan approval. The inventory report shall include all emissions information for all sources operated during the preceding calendar year. Emissions data including, but not limited to, the following shall be reported:

- (a) NO_x
- (b) CO
- (c) SO_x
- (d) PM₁₀
- (e) PM_{2.5}
- (f) VOC
- (g) Speciated HAP
- (h) Total HAP
- (i) CO₂
- (j) CH₄
- (k) N₂O

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

Malfunctions reporting shall be conducted as follows:

- (a) The owner/operator shall report each malfunction that occurs at this facility that poses an imminent and substantial danger to the public health and safety or the environment or which it should reasonably believe may results in citizen complaints to the Department. For purposes of this condition a malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment or source to operate in a normal or usual manner that may result in an increase in the emission of air contaminants. Examples of malfunctions may include, but are not limited to large dust plumes, heavy smoke, a spill or release that results in a malodor that is detectable outside the property of the person on whose land the source is being operated.
- (b) When the malfunction poses an imminent and substantial danger to the public health and safety, potential harm to the environment, the permittee shall report the incident to the Department within one hour of discovery. The permittee shall also notify the Department within one hour, when corrective measures have been accomplished.

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

All other malfunctions that must be reported under subsection (a) shall be reported to the Department no later than the next business day.

(c) Initial reporting of the malfunction shall identify the following items to the extent known:

- (1) Name and location of the facility.
- (2) Nature and cause of the malfunction.
- (3) Time when the malfunction or breakdown was first observed.
- (4) Expected duration or increased emissions.
- (5) Estimated rate of emissions.

(d) If requested by the Department, the permittee shall submit a full written report to the Department including the final determinations of the items identified in and the corrective measures taken on the malfunction. The report shall be submitted within 15 days of the Department's request or accomplishing corrective measures, whichever is later.

(e) Malfunctions shall be reported to the Department by email (addresses will be provided by the Department) or at the following address:

PA DEP
Office of Air Quality
400 Waterfront Drive
Pittsburgh, PA 15222-4745
412-442-4000

VI. WORK PRACTICE REQUIREMENTS.**# 013 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall construct, operate, and maintain all air contamination sources and air cleaning devices authorized under this Plan Approval in accordance with the manufacturer's specifications and recommended maintenance schedules.

Daily

- Baghouse: "Check for oil mist on walls, housing or duct and correct per manual if present."
- Baghouse: "Check for holes in ducts and worn seals and correct as needed."
- Baghouse: "Check for cuts, cracked and abraded cables, correct as needed."
- Baghouse: "Check for correct rotation and flow of fans and conveyor, correct as needed."
- Silo: "Clean out leftover mix before final shutdown in cone heater."
- Silo: "Visually inspect cavity area for buildup in cone heater and remove as necessary."
- Burner: "Inspect for buildup and clean as necessary."

Weekly

- Burner: "Inspect switch and pressure connection tubing for material buildup and correct as necessary."
- Baghouse: "Check for proper operation of dampers and correct as necessary."
- Baghouse: "Check for leaks, holes and spot check seating of bags, correct as necessary."
- Baghouse: "Check for corrosion and blade wear of fans, correct as necessary."

Monthly

- Ultradrum: "Inspect for buildup on swirl plates and nozzle of burner, correct as necessary."
- Burner: "Clean flame scanner lens."
- Baghouse: "Check for excessive wear on baffle plates, correct as necessary."

Yearly

- Baghouse: "Check impeller for signs of wear or crack and replace as necessary."
- Baghouse: "Check for buildup on impeller blades and correct as needed."

**SECTION C. Site 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).

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.

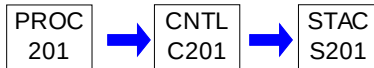
No compliance milestones exist.

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

Source ID: 201

Source Name: 400 TPH HOT MIX ASPHALT PLANT W 135 MMBTU/HR BURNER

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

No fugitive air contaminant emissions shall be generated as a result of removing collected dust from the baghouse or as a result of subsequently handling the collected dust on-site following its removal from the collector.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The owner or operator is approved to burn either pipeline grade natural gas or liquid propane. Other materials shall not be burned at this facility.

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

There shall be no visible air contaminant emissions from the exhaust of the baghouse.

005 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The filterable particulate matter emissions in the exhaust of the baghouse shall not exceed 0.009 grains per dry standard cubic foot of effluent gas volume.

006 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The total PM₁₀ (filterable plus condensable) in the exhaust of the baghouse shall not exceed 0.021 grains per dry standard cubic foot of effluent gas.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Exhaust from the baghouse shall not exceed limits for NO_x, CO, and VOC ash shown below.

NO_x = 60 ppmvd @ 15% O₂CO = 200 ppmvd @ 15% O₂VOC = 30 ppmvd @ 15% O₂, as Propane

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The burners shall be tuned at a minimum of once a year, with the exception of the first calendar year of operation, so that the emissions do not exceed the limits established in this plan approval.

II. TESTING REQUIREMENTS.

009 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

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

The owner or operator will need to follow sampling and testing guidelines as indicated to validate the PM, VOC, CO, and NOx emission rates for the Gencor Ultra II -135 oil/natural gas burner rated at 135 MMBtu/hr with corresponding mixer (Source ID: 210) and CFP-182 89,217 CFM suction baghouse (Source ID: C201). The following federal reference test methods shall be used to demonstrate compliance: Methods 1-4 to determine volumetric flow rate, Method 5 to determine filterable PM emission rate and concentration, Method 7E to determine NOx emission rate, Method 10 to determine CO emission rate, Method 18 to determine methane/ethane emission rate, Method 25A to determine total hydrocarbon emission rate, and Method 202 to determine condensable PM emission rate and concentration. The total PM10 emission rate is the condensable PM10 emission rate plus the filterable PM emission rate. The testing shall be performed while the source is operating within 90% of the maximum rate (400 tons per hour) and with a RAP percentage of between 10% and 20% by weight.

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

If at any time the Department has reason to believe that the air contamination emissions from the exhaust of the baghouse associated with the HMA plant are or maybe in excess of any applicable air contaminant emission limitation, the owner or operator shall conduct such stack tests or source tests requested by the Department to determine the actual air contamination rate.

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

Performance testing shall be conducted as follows:

- (a) The permittee shall submit one electronic copy of a pre-test protocol to the Department for review within 90 days of plan approval issuance. All proposed performance test methods shall be identified in the pre-test protocol and approved by the Department prior to testing.
- (b) The permittee shall notify the Regional Air Quality Manager and Division of Source Testing and Monitoring at least 15 days prior to any performance test so that an observer may be present at the time of the test. This notification may be sent by email. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.
- (c) Pursuant to 40 CFR Part 60.8(a), a complete test report shall be submitted to the Department no later than 60 calendar days after the completion of the on-site testing portion of an emission test program.
- (d) Pursuant to 25 Pa Code Section 139.53(b), a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or non-compliance with all applicable permit conditions. The summary results will include, at a minimum the following information:
 - (1) A statement that the owner or operator has reviewed the report from the emission 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 Section 139.53(a)(1) and 139.53(a)(3) all hard copy submittals shall be sent to the Pennsylvania Department of Environmental Protection, Air Quality Program, 400 Waterfront Drive, Pittsburgh, PA 15222 with deadlines verified through document postmarks. Electronic submittals shall be sent to RA-epsstacktesting@pa.gov. Alternatively, electronic copies may be provided on a CD along with hard copy submittals.

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

The bag leak detection systems (BLDS) shall be installed, calibrated, and put into operation to monitor the baghouse and filter performance at all times that the facility operates.

Each BLDS must be installed, operated, calibrated, and maintained in a manner consistent with the manufacturer's written

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

specifications and recommendations, in accordance with the guidance provided in EPA-454/R-98-015, September 1997, and in accordance with good air pollution control practices.

The BLDS must be certified by the manufacturer to be capable of detecting PM emissions at concentrations of 10 or fewer milligrams per actual cubic meter (0.044 gr/cf).

The BLDS sensor must provide output of relative or absolute PM loadings.

The BLDS must be equipped with a device to continuously record the output signal from the sensor.

The BLDS must be equipped with an alarm system that will alert an operator automatically when an increase in relative PM emissions over present level is detected. The alarm must be located such that the alert is detected and recognized easily by an operator.

For positive pressure fabric filter system that do not duct all compartments of cells to a common stack, a BLDS must be installed in each baghouse compartment or cell.

Where multiple bag leak detectors are required, the system's instrumentation and alarm may be shared among detectors.

The permittee shall utilize approved QA/QC practices that are adequate to ensure continuing validity of data and proper performance of the bag leak detection systems.

The permittee shall calibrate and check the accuracy of the bag leak detection systems taking into account manufacturer's specifications at a minimum of annually.

An initial performance evaluation of the required bag leak detection systems will be required. The data collected from the bag leak detection systems during the initial performance test (EPA Reference Method 9) shall be used to provide reasonable assurance of ongoing compliance.

Once the bag leak detection systems have been installed, calibrated, and put into operation, the permittee shall utilize approved QA/QC practices that are adequate to ensure continuing validity of data and proper performance of the bag leak detection systems.

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

The owner or operator shall monitor the pressure drop gage once per day to ensure that the pressure is below 12 inches water column and above 1 inch water column. If the owner or operator records a pressure outside this range, then the owner or operator must conduct corrective actions to remedy the issue and ensure proper baghouse operation. The owner or operator must keep records of the daily inspection for five years. The inspection is only required when the plant is operational.

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

Monitoring records stating the following information shall be kept on site for a minimum of five years and shall be made available to the Department upon request.

- o The date of the tuning procedure
- o The name of the servicing company and technician
- o The production rate (tons/hour) or load before and after tuning
- o The CO and NO_x concentrations (ppmvd) before and after tuning

**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).

VII. ADDITIONAL REQUIREMENTS.

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

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

Source ID: 202

Source Name: ASPHALT CEMENT STORAGE TANK BURNER 2 MMBTU/HR

Source Capacity/Throughput:

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

001 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from a source in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The burners shall be tuned at a minimum of once a year, with the exception of the first calendar year of operation, so that the emissions do not exceed the limits established in this plan approval.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The owner or operator is approved to burn either pipeline grade natural gas or liquid propane. Other materials shall not be burned at this facility.

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).

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

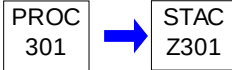
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 301

Source Name: TWO (2) 30,000 GALLON ASPHALT STORAGE TANKS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.472]****Subpart UU - Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture Standards for particulate matter.**

Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any asphalt storage tank exhaust gases with opacity greater than 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. The control device shall not be bypassed during this 15-minute period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

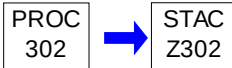
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 302

Source Name: THREE (3) 300 TON HMA SILOS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.472]****Subpart UU - Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture Standards for particulate matter.**

Within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any asphalt storage tank exhaust gases with opacity greater than 0 percent, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. The control device shall not be bypassed during this 15-minute period.

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

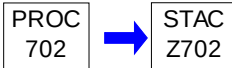
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 702

Source Name: TRUCK LOADOUT / LOADIN PRODUCT / MATERIAL MOVEMENT

Source Capacity/Throughput:

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

001 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The owner or operator shall post a sign limiting speeds to less than 15 mph on all in-plant roads.

002 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The owner or operator shall post and enforce a requirement stating, "All vehicles entering or exiting the plant property shall be properly tarpaulin covered." Vehicles with a gross vehicle weight rating of less than 10,000 pounds shall be exempt from this condition.

003 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Speed limit signs shall be posted consistent with the requirements of the Pennsylvania Department of Transportation (overall dimension 20 inches x 24 inches, "SPEED LIMIT" in 4-inch letters and 10-inch numerals).

004 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The entire access road must be paved within the first year of operation.

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).



SECTION D. Source Level Plan Approval Requirements

VII. ADDITIONAL REQUIREMENTS.

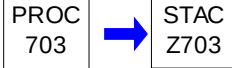
No additional requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

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

Source ID: 703

Source Name: VIB SCREENS, IMPACTOR, CONVEYORS, AUGERS

Source Capacity/Throughput:

**I. RESTRICTIONS.**

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

II. TESTING REQUIREMENTS.

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

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

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

V. REPORTING REQUIREMENTS.

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

VI. WORK PRACTICE REQUIREMENTS.

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

VII. ADDITIONAL REQUIREMENTS.

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



SECTION E. Source Group Plan Approval Restrictions.

**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 *****
