



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY NATURAL MINOR OPERATING PERMIT

Issue Date: December 10, 2024

Effective Date: August 27, 2025

Revision Date: August 27, 2025

Expiration Date: December 9, 2029

Revision Type: Amendment

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 operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit 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 permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 09-00120

Natural Minor

Federal Tax Id - Plant Code: 85-3891658

Owner Information

Name: SIKA MBCC US LLC

Mailing Address: 6450 BRISTOL PIKE
LEVITTOWN, PA 19057-4916

Plant Information

Plant: SIKA MBCC US LLC/LEVITTOWN

Location: 09 Bucks County 09001 Bristol Township

SIC Code: 3272 Manufacturing - Concrete Products, Nec

Responsible Official

Name: CHRISTOPHER P COMO

Title: SITE MGR/EHSQ OFFICER

Phone: (215) 945 - 3900

Email: como.christopher@us.sika.com

Permit Contact Person

Name: ALAN BAHL

Title: EHS SPECIALIST

Phone: (908) 343 - 7585

Email: bahl.alan@us.sika.com

[Signature] _____

JILLIAN A. GALLAGHER, SOUTHEAST REGION AIR PROGRAM MANAGER



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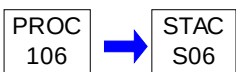
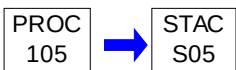
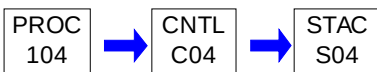
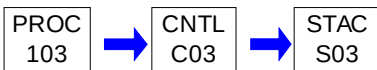
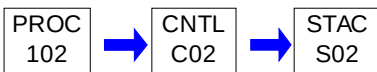
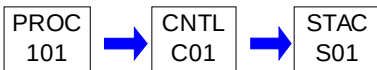
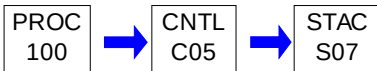
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**SECTION A. Site Inventory List**

Source ID	Source Name	Capacity/Throughput	Fuel/Material
100	POWDER/MORTAR SILOS	N/A	CONSTR. MATERIALS
101	4 MIXING & PACKAGING LINES	N/A	CONSTR. MATERIALS
102	COATINGS AREA MIXERS (5)	N/A	COATING MATERIALS
103	SENERGY AREA BLENDERS (4) AND MIXER	N/A	STUCCO MATERIALS
104	VACUUM SYSTEM	N/A	CEMENT
105	WATER REPELLENT AREA	N/A	SOLVENTS
106	PARTS WASHER UNIT	N/A	SOLVENT
C01	PULSE JET BAGHOUSE		
C02	COATINGS AREA MIXERS DUST COLLECTOR		
C03	SENERGY AREA BLENDERS & MIXER DUST COLLECTOR		
C04	VACUUM SYSTEM DUST COLLECTOR		
C05	MINOR SILOS CYCLONE W/ IN-LINE FILTER		
S01	BAGHOUSE OUTLET		
S02	COATINGS AREA MIXERS DUST COLLECTOR STACK		
S03	SENERGY AREA BLENDERS & MIXER DUST COLLECTOR STACK		
S04	VACUUM BAGHOUSE OUTLET		
S05	STACK FOR WATER REPELLENT AREA		
S06	PARTS WASHER STACK		
S07	MINI SILOS CYCLONE/FILTER STACK		

PERMIT MAPS

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

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

#002 [25 Pa. Code § 127.446]**Operating Permit Duration.**

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)]**Permit Renewal.**

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application as specified in 25 Pa. Code § 127.703(b). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and submitted with the fee form to the respective regional office.
- (d) The renewal application shall also include submission of proof that the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]**Operating Permit Fees under Subchapter I.**

- (a) The permittee shall pay the annual operating permit maintenance fee according to the following fee schedule in either paragraph (1) or (2) in accordance with 25 Pa. Code § 127.703(d) on or before December 31 of each year for the next calendar year.
 - (1) For a synthetic minor facility, a fee equal to:
 - (i) Four thousand dollars (\$4,000) for calendar years 2021—2025.
 - (ii) Five thousand dollars (\$5,000) for calendar years 2026—2030.
 - (iii) Six thousand three hundred dollars (\$6,300) for the calendar years beginning with 2031.

**SECTION B. General State Only Requirements**

(2) For a facility that is not a synthetic minor, a fee equal to:

- (i) Two thousand dollars (\$2,000) for calendar years 2021—2025.
- (ii) Two thousand five hundred dollars (\$2,500) for calendar years 2026—2030.
- (iii) Three thousand one hundred dollars (\$3,100) for the calendar years beginning with 2031.

(b) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]**Transfer of Operating Permits.**

(a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.

(b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and a written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee and a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.

(c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008]**Inspection and Entry.**

(a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, any facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, any substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.

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

#007 [25 Pa. Code §§ 127.441 & 127.444]**Compliance Requirements.**

(a) The permittee shall comply with the conditions of this operating permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

**SECTION B. General State Only Requirements**

- (1) Enforcement action
- (2) Permit termination, revocation and reissuance or modification
- (3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source which is subject to 25 Pa. Code Article III unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued for the source is operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this State-Only permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code § 127.441]**Need to Halt or Reduce Activity Not a Defense.**

It shall not be a defense for the permittee in an enforcement action that it was necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

#009 [25 Pa. Code §§ 127.442(a) & 127.461]**Duty to Provide Information.**

(a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.

(b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]**Revising an Operating Permit for Cause.**

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

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) 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.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450, 127.462, 127.465 & 127.703]**Operating Permit Modifications**

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and significant operating permit modifications, under this permit, as outlined below:

**SECTION B. General State Only Requirements**

(b) Administrative Amendments. The permittee shall submit the application for administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.

(c) Minor Operating Permit Modifications. The permittee shall submit the application for minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Significant Operating Permit Modifications. The permittee shall submit the application for significant operating permit modifications in accordance with 25 Pa. Code § 127.465.

(e) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" with the permit number clearly indicated and submitted to the respective regional office.

#012 [25 Pa. Code § 127.441]**Severability Clause.**

The provisions of this permit are severable, and if any provision of this permit is determined by a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#013 [25 Pa. Code § 127.449]**De Minimis Emission Increases.**

(a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:

(1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

(b) The Department may disapprove or condition de minimis emission increases at any time.

(c) Except as provided below in (d), the permittee is authorized to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act, the regulations thereunder or 25 Pa. Code Article III.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:

**SECTION B. General State Only Requirements**

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code §123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(e) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (c)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#014 [25 Pa. Code § 127.3]**Operational Flexibility.**

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

**SECTION B. General State Only Requirements**

(6) Section 127.462 (relating to minor operating permit modifications)

(7) Subchapter H (relating to general plan approvals and general operating permits)

#015 [25 Pa. Code § 127.11a]**Reactivation of Sources**

(a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).

(b) A source which has been out of operation or production for more than five (5) years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#016 [25 Pa. Code § 127.36]**Health Risk-based Emission Standards and Operating Practice Requirements.**

(a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].

(b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]**Circumvention.**

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]**Reporting Requirements.**

(a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.

(b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.

(c) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given in the permit transmittal letter, or otherwise notified)

(d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.

(e) Any records, reports or information submitted to the Department shall be available to the public except for such

**SECTION B. General State Only Requirements**

records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]**Sampling, Testing and Monitoring Procedures.**

(a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.

(b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]**Recordkeeping.**

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:

- (1) The date, place (as defined in the permit) and time of sampling or measurements.
- (2) The dates the analyses were performed.
- (3) The company or entity that performed the analyses.
- (4) The analytical techniques or methods used.
- (5) The results of the analyses.
- (6) The operating conditions as existing at the time of sampling or measurement.

(b) The permittee shall retain records of any required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions.

#021 [25 Pa. Code § 127.441(a)]**Property Rights.**

This permit does not convey any property rights of any sort, or any exclusive privileges.

#022 [25 Pa. Code § 127.447]**Alternative Operating Scenarios.**

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.

**SECTION B. General State Only Requirements****#023 [25 Pa. Code §135.3]****Reporting**

(a) If the facility is a Synthetic Minor Facility, the permittee shall submit by March 1 of each year an annual emissions report for the preceding calendar year. The report shall include information for all active previously reported sources, new sources which were first operated during the preceding calendar year, and sources modified during the same period which were not previously reported. All air emissions from the facility should be estimated and reported.

(b) A source owner or operator of a Synthetic Minor Facility may request an extension of time from the Department for the filing of an annual emissions report, and the Department may grant the extension for reasonable cause.

#024 [25 Pa. Code §135.4]**Report Format**

If applicable, the emissions reports shall contain sufficient information to enable the Department to complete its emission inventory. Emissions reports shall be made by the source owner or operator in a format specified by the Department.

**SECTION C. Site Level 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 Air Pollution Control Act (35 P.S. Section 4003).

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

No person may permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures;
- (b) Grading, paving and maintenance of roads and streets;
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets;
- (d) Clearing of land;
- (e) Stockpiling of materials;
- (f) Open burning operations, as specified in 25 Pa. Code § 129.14;
- (g) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting;
- (h) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in 25 Pa. Code §§ 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations); and,
- (i) Sources and classes of sources other than those identified in (a)-(h), above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (1) The emissions are of minor significance with respect to causing air pollution; and
 - (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

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

A person may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #002(a)-(f), of this Section, if such emissions are visible at the point the emissions pass outside the person'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.

005 [25 Pa. Code §123.41]**Limitations**

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

- (a) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (b) Equal to or greater than 60% at any time.

**SECTION C. Site Level Requirements****# 006 [25 Pa. Code §123.42]****Exceptions**

The opacity limitations as per 25 Pa. Code § 123.41 shall not apply to a visible emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure to meet the limitations.
- (b) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (c) When the emission results from the sources specified in 25 Pa. Code § 123.1(a)(1)-(9) (relating to prohibition of certain fugitive emissions).

007 [25 Pa. Code §129.14]**Open burning operations**

No person may permit the open burning of material in the Southeast Air Basin except where the open burning operations result from:

- (a) A fire set to prevent or abate a fire hazard, when approved by the Department and set by or under the supervision of a public officer;
- (b) Any fire set for the purpose of instructing personnel in fire fighting, when approved by the Department;
- (c) A fire set for the prevention and control of disease or pests, when approved by the Department;
- (d) A fire set in conjunction with the production of agricultural commodities in their unmanufactured state on the premises of the farm operation;
- (e) A fire set for the purpose of burning domestic refuse, when the fire is on the premises of a structure occupied solely as a dwelling by two families or less and when the refuse results from the normal occupancy of the structure;
- (f) A fire set solely for recreational or ceremonial purposes; or,
- (g) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Section A, of this Permit, may be in excess of the limitations specified in this Permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.

III. MONITORING REQUIREMENTS.**# 009 [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 any devices approved

**SECTION C. Site Level Requirements**

by the Department.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall monitor the facility, once per operating day, for the following:

- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31);
- (2) Visible emissions (as per 25 Pa. Code §§123.41 and 123.42); and,
- (3) Fugitive particulate matter (as per 25 Pa. Code §§ 123.1 and 123.2).

(b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:

- (1) Be investigated;
- (2) Be reported to the facility management, or individual(s) designated by the permittee;
- (3) Have appropriate corrective action taken (for emissions that originate on-site); and
- (4) Be recorded in a permanent written log (to be maintained for a minimum retention time-frame of 5 years).

(c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly.

(d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.

(e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification (if applicable), complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.**# 011 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions and odors, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) Date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) The corrective action taken, if necessary, to abate the situation and prevent future occurrences.

V. REPORTING REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR Part 68]

(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 threshold quantity at a facility. The permittee shall submit the RMP to the federal Environmental Protection Agency according to the following schedule and requirements:

- (1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the

**SECTION C. Site Level Requirements**

following:

- (i) Three years after the date on which a regulated substance is first listed under 40 CFR § 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 EPA 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 permit 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.
- (d) If this facility is subject to 40 CFR Part 68, as part of the certification required under this permit, the permittee shall:
 - (1) Submit a compliance schedule for satisfying the requirements of 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,
 - (2) Certify that this facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five (5) years in accordance with 40 CFR § 68.200.
- (f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

013 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

- (a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department at 484-250-5920. A malfunction is any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.
- (b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.
- (c) The report shall describe the following:
 - (1) Name, permit or authorization number, and location of the facility;
 - (2) Nature and cause of the malfunction, emergency or incident;
 - (3) Date and time when the malfunction, emergency or incident was first observed;
 - (4) Expected duration of excess emissions;
 - (5) Estimated rate of emissions; and
 - (6) Corrective actions or preventative measures taken.

**SECTION C. Site Level Requirements**

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulted from malfunction or emergency are to be reported in the annual emissions inventory report, if the annual emissions inventory report is required by permit or authorization.

014 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.9]**Subpart A--General Provisions****Notification requirements.**

All of the reporting documents required under 40 CFR Part 63, Subpart VVVVVV shall be submitted to the Department and US EPA Region III:

Director, Air Protection Division
US EPA Region III
Air, RCRA and Toxics Branch (3ED21)
Four Penn Center
1600 John F. Kennedy Boulevard
Philadelphia, Pennsylvania 19103-2852

VI. WORK PRACTICE REQUIREMENTS.**# 015 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

A person responsible for any source specified in 25 Pa. Code § 123.1 shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

(a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.

(b) Application of asphalt, water, or other suitable chemicals, on dirt roads, material stockpiles and other surfaces which may give rise to airborne dusts.

(c) Paving and maintenance of roadways.

(d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or by other means.

016 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III, or any other applicable rule promulgated under the Clean Air Act.

017 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

**SECTION C. Site Level Requirements**

The permittee shall ensure that the source(s) and air pollution control device(s), listed in Section A and Section G, where applicable, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturer's specifications.

018 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee may not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(g), of Section B, of this permit.

VII. ADDITIONAL REQUIREMENTS.**# 019 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11494]****Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources****What are the applicability requirements and compliance dates?**

(a) The facility is subject to 40 CFR Part 63, Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources, according to:

- (1) 40 CFR Part 63 §63.11494(a)(1).
- (2) 40 CFR Part 63 §63.11494(a)(2)(i).
- (3) 40 CFR Part 63 §63.11494(b).
- (4) 40 CFR Part 63 §63.11494(d).

(b) Note:

- (1) Feedstock for Source IDs 102 and 103 contains manganese compounds. Manganese is a regulated HAP compound specified in Table 1 of 40 CFR Part 63, Subpart VVVVVV.
- (2) Source IDs 102 and 103 are subject to Subpart VVVVVV as existing sources at an area HAP emission facility.
- (3) If Source 105 uses any materials containing HAP specified in Table 1 of 40 CFR Part 63, Subpart VVVVVV, the permittee shall comply with the requirements of Subpart VVVVVV, as identified in this operating permit.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to State Only General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

**SECTION D. Source Level Requirements**

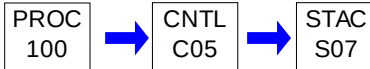
Source ID: 100

Source Name: POWDER/MORTAR SILOS

Source Capacity/Throughput:

N/A

CONSTR. MATERIALS

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

001 [25 Pa. Code §123.13]

Processes

PM emission from this source group shall not exceed 0.04 gr/dscf, as measured by EPA Method 5.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Minor Silos Cyclone In-line Filter (Source ID C05) shall be equipped with a pressure drop gauge to monitor the pressure drop on a daily basis, when the Minor Silos are being filled.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the Minor Silos Cyclone In-line Filter (Source ID C05) shall be recorded on a daily basis, when the Minor Silos are being filled.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall ensure that the Minor Silos Cyclone and In-line Filter (Source ID C05) are operating properly before loading the Minor Silos.

(b) The air emissions from the Minor Silos shall be exhausted to the Minor Silos Cyclone and In-line Filter (Source ID C05), whenever the Minor Silos are being filled.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a spare in-line filter for the Minor Silos Cyclone In-line Filter emission control system

**SECTION D. Source Level Requirements**

(Source ID C05), in order to immediately replace the in-line filter in case of damage or deterioration of the in-line filter.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The pressure drop across the Minor Silos Cyclone In-line Filter (Source ID C05) shall be maintained between 0.5 and 13 inches of water, when the Minor Silos are being filled.

VII. ADDITIONAL REQUIREMENTS.**# 007 [25 Pa. Code §127.411]****Content of applications.**

(a) Source ID 100 consists of the following:

- (1) Two (2) Sand Silos, that vent indoors.
- (2) Two (2) "Intermediate" Silos, used to store powder material such as cement or sand, that vent indoors.
- (3) Four (4) "Major" Silos, used to store powder material such as cement or sand, that vent indoors.
- (4) Four (4) "Major" Silos, used to store sand, that vent indoors.
- (5) Four (4) "Minor" Silos, used to store powder materials, that vent to a Cyclone with In-line Filter (Source ID C05).

(b) Associated with the Sand Silos is a bucket elevator that was installed under RFD No. 09-A01-603.

**SECTION D. Source Level Requirements**

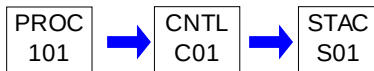
Source ID: 101

Source Name: 4 MIXING & PACKAGING LINES

Source Capacity/Throughput:

N/A

CONSTR. MATERIALS

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

PM emission from this source group shall not exceed 0.04 gr/dscf, as measured by EPA Method 5.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.13(c)(1)(i).]

Control Device Efficiency Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the Pulse Jet Baghouse (Source ID C01) shall be maintained between 2.5 - 6.0 inches of water, while processes are operating, to assure compliance with the particulate matter emission limit.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the Pulse Jet Baghouse (Source ID C01) shall be checked on a daily basis, while processes are operating.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the Pulse Jet Baghouse (Source ID C01) shall be recorded on a daily basis, while the process is operating.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.****# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

Processes which do not vent indoors or are not controlled by an indoor baghouse shall vent emissions to the Pulse Jet Baghouse (Source ID C01). The permittee shall ensure that the Pulse Jet Baghouse (Source ID C01) is operating properly before venting process emissions to it.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

(a) The permittee shall keep on hand a sufficient quantity of spare fabric collector bags and dust collector bags for the Pulse Jet Baghouse (Source ID C01), in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the source(s) and fabric collector(s).

(b) The permittee shall establish and maintain a cleaning cycle for the fabric collector bags that keeps the pressure drop below the maximum pressure drop of 6.0 inches of water.

(c) The permittee shall operate and maintain a pressure gauge to indicate the pressure drop across the Pulse Jet Baghouse (Source ID C01).

VII. ADDITIONAL REQUIREMENTS.**# 007 [25 Pa. Code §127.411]****Content of applications.**

(a) This source consists of:

- (1) Mixer No. 1 feeding to either Packing Line No. 1 or Packing Line No. 2.
- (2) Mixer No. 2 feeding to Packing Line No. 3.
- (3) Mixer No. 3 feeding to either Packing Line No. 5 or Packing Line No. 6.
- (4) Mixer No. 4 feeding first to Packing Line No. 7, then feeding Packing Line No. 8.

(b) The dusts collected from Lines #2, 3, and 5 are vented to Baghouse which discharges indoors.

(c) The dusts collected from the remaining lines and all mixers are treated in Pulse Jet Baghouse (Source ID C01) before discharging into the atmosphere.

**SECTION D. Source Level Requirements**

Source ID: 102

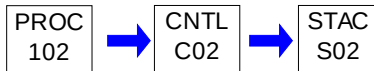
Source Name: COATINGS AREA MIXERS (5)

Source Capacity/Throughput:

N/A

COATING MATERIALS

Conditions for this source occur in the following groups: SUBPART 6V

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

PM emission from this source group shall not exceed 0.02 gr/dscf, as measured by EPA Method 5.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.13(c)(1)(i).]

Operation Hours Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total operating time of the dust collector associated with these coatings area mixers does not exceed 5,000 hours per year, calculated monthly as a 12-month rolling sum.

Control Device Efficiency Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector (Source ID C02) shall be maintained between 0.5 and 5.0 inches of water, while the process is operating, to assure compliance with the particulate matter emission limit.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only 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 permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the dust collector (Source ID C02), the permittee shall maintain records of all preventative maintenance inspections as specified in Condition #015 under this source. These records shall contain, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date of the inspection.
- (b) Any problems or defects.
- (c) The corrective action taken.
- (d) Any routine maintenance performed.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain a pressure gauge to indicate the pressure drop across the dust collector (Source ID C02) associated with these coatings area mixers.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C02), the permittee shall perform the following inspections:

- (a) A visual check of the dust collector associated with the coatings area mixers on a daily basis, when operating.
- (b) A visual check of the coating area equipment on a daily basis, when operating.
- (c) Routine preventative maintenance of the dust collector associated with the coatings area mixers, in accordance with the manufacturer's specifications and/or good operating and maintenance practices.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C02) associated with these coatings area mixers, the permittee shall ensure that a sufficient quantity of spare envelope fabric filters are kept on hand for replacement.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C02) associated with these coatings area mixers, the permittee shall ensure that the dust collection buckets at the bottom of the dust collector are emptied on an as-needed basis to ensure proper operation of the dust collector and prevent fugitive emissions.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C02) associated with these coatings area mixers, the permittee shall ensure that the envelope fabric filters are shaken on an operating day basis.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall comply with the following procedures regarding the loading of dry coating materials into any of the mixing vessels associated with these coatings area mixers:

- (a) The dust collector (Source ID C02) associated with the mixers shall be operating.

**SECTION D. Source Level Requirements**

(b) No more than 2 mixing vessels shall be loaded at the same time.

VII. ADDITIONAL REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) This source grouping consists of 5 top-entry mixers located in the coatings area that are used in the manufacturing of water-based coatings. The mixer numbers and the capacities of the associated movable mixing vessels are as follows:

Mixer No.	Manufacturer	Model No.	No. of Tanks	Tank Size (gal)
2	Myers	800A-50-617	2	700 (each)
3A	Hockmeyer	HVI-75	2	500 (each)
5	Hockmeyer	SHV/20-179	1	200

(b) PM emissions from the coatings area mixers (generated during the hand-loading of dry coating materials) are individually picked up (as needed, via the manual opening of a blast gate at the inlet of the pickup) and ducted to a mechanical shaker dust collector (Source ID C02), Model No. UMA454G11AD, Serial No. 85-1482-2, manufactured by DCE Vokes, Inc., before exhausting into the outdoor atmosphere. The dust collector is rated at 2,500 acfm exhaust gas flow (at 9 inches of water), and uses two 18-pocket envelope fabric filters.

(c) Associated with this source is a Paint Tinting Station. If HAP listed in Table 1 of 40 CFR Part 63, Subpart VVVVVV are present in the Paint Tinting Station as specified in 40 CFR § 63.11494, paragraphs (a)(2)(i), (ii), (iii), or (iv), the Paint Tinting Station shall comply with all applicable requirements of Subpart VVVVVV.

**SECTION D. Source Level Requirements**

Source ID: 103

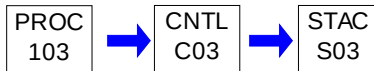
Source Name: SENERGY AREA BLENDERS (4) AND MIXER

Source Capacity/Throughput:

N/A

STUCCO MATERIALS

Conditions for this source occur in the following groups: SUBPART 6V

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

PM emission from this source group shall not exceed 0.02 gr/dscf, as measured by EPA Method 5.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.13(c)(1)(i).]

Operation Hours Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the total operating time of the dust collector associated with these Senergy area blenders and mixer does not exceed 5,000 hours per year, calculated monthly as a 12-month rolling sum.

Control Device Efficiency Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector (Source ID C03) shall be maintained between 0.5 and 5.0 inches of water, while the process is operating, to assure compliance with the particulate matter emission limit.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only 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 permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the dust collector (Source ID C03), the permittee shall maintain records of all preventative maintenance inspections, as specified in Condition #015 under this source. These records shall contain, at a minimum, the following for each inspection:

**SECTION D. Source Level Requirements**

- (a) The date of the inspection.
- (b) Any problems or defects.
- (c) The corrective action taken.
- (d) Any routine maintenance performed.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements) and/or Section E (Source Group Restrictions).

VI. WORK PRACTICE REQUIREMENTS.**# 005 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain a pressure gauge to indicate the pressure drop across the dust collector (Source ID C03) associated with these Senergy area blenders and mixer.

006 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall perform the following inspections:

- (a) A visual check of the dust collector (Source ID C03) on a daily basis, when operating.
- (b) A visual check of the Senergy Area equipment on a daily basis, when operating.
- (c) Routine preventative maintenance of the dust collector associated with the Senergy area blenders and mixer, in accordance with the manufacturer's specifications and/or good operating and maintenance practices.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C03) associated with these Senergy area blenders and mixer, the permittee shall ensure that a sufficient quantity of spare envelope fabric filters are kept on hand for replacement.

008 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C03) associated with these Senergy area blenders and mixer, the permittee shall ensure that the dust collection buckets at the bottom of the dust collector are emptied on an as-needed basis to ensure proper operation of the dust collector and prevent fugitive emissions.

009 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C03) associated with these Senergy area blenders and mixer, the permittee shall ensure that the envelope fabric filters are shaken on a daily basis, when operating.

010 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

The permittee shall comply with the following procedures regarding the loading of dry stucco materials into any of the Senergy area blenders or the mixing vessel associated with the Senergy area mixer:

- (a) The dust collector (Source ID C03) associated with the blenders and mixes shall be operating.

**SECTION D. Source Level Requirements**

(b) No more than 2 blenders or mixing vessels shall be loaded at the same time.

011 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

The permittee shall ensure that, whenever any of the Senergy area blenders or the mixing vessel associated with the Senergy area mixer are being used, the respective blender(s) and/or mixing vessel remain(s) fully covered (to the extent possible), except when stucco materials are being added to the blender(s) and/or mixing vessel.

VII. ADDITIONAL REQUIREMENTS.**# 012 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) This source grouping consists of four ribbon blenders and a top-entry mixer located in the Senergy area (mezzanine) that are used in the manufacturing of water-based stucco coatings (high solids) and stucco base. The capacities of the stationary blenders and stationary mixing vessel associated with the mixer are as follows:

Blender No.	Capacity (gal)
-------------	----------------

12	1,000
13	750
14	750
15	200

Mixer No.	Capacity (gal)
-----------	----------------

1	1,000 (two tanks, 1A & 1B; 1,000 gal each)
---	--

(b) PM emissions from the Senergy area blenders and mixer (generated during the loading of dry stucco materials, both by hand and from a dedicated sand hopper above each blender and mixer) are individually picked up (as needed, via the manual opening of a blast gate at the inlet of the pickup) and ducted to a mechanical shaker dust collector (Source ID C03), Model No. UMA454G11AD, Serial No. 85-1482-1, manufactured by DCE Vokes, Inc., before exhausting into the outdoor atmosphere. The dust collector is rated at 2,500 acfm exhaust gas flow (at 9 inches of water), and uses two 18-pocket envelope fabric filters.

(c) Associated with this source are

- (1) Three (3) sand silos with bin vents (installed under RFD No. 09-A01-606).
- (2) Weigh Hopper #6 with dust collector that exhausts outdoors.
- (3) Seven (7) Receiving Hoppers, #'s 11 - 17 (installed under RFD No. 09-A01-857).

**SECTION D. Source Level Requirements**

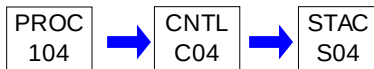
Source ID: 104

Source Name: VACUUM SYSTEM

Source Capacity/Throughput:

N/A

CEMENT

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

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1]

PM emission from this source group shall not exceed 0.02 gr/dscf, as measured by EPA Method 5.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 123.13(c)(1)(i).]

Control Device Efficiency Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The pressure drop across the dust collector (Source ID C04) shall be maintained between 0.5 and 5.0 inches of water, while the process is operating, to assure compliance with the particulate matter emission limit.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the dust collector (Source ID C04) associated with the vacuum system, the permittee shall monitor the pressure drop across the dust collector weekly, when the source is in operation.

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the dust collector (Source ID C04) associated with the vacuum system, the permittee shall record the pressure drop across the dust collector weekly, when the source is in operation.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of all preventative maintenance inspections for the vacuum system and the associated dust collector (Source ID C04). These records shall contain, at a minimum, the following for each inspection:

- (a) The date of the inspection.
- (b) Any problems or defects.

**SECTION D. Source Level Requirements**

- (c) The corrective action taken.
- (d) Any routine maintenance performed.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 006 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall operate and maintain a pressure gauge to indicate the pressure drop across the dust collector (Source ID C04) associated with the vacuum system.

007 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

For the dust collector (Source ID C04) associated with the vacuum system, the permittee shall:

(a) Perform the following inspections:

- (1) A visual check of the dust collector weekly,
- (2) Routine preventative maintenance of the dust collector, in accordance with the manufacturer's specifications and/or good operating and maintenance practices.

(b) Ensure that a sufficient quantity of spare fabric filters are kept on hand for replacement.

(c) Ensure that the dust collection bucket(s) at the bottom of the dust collector is emptied on an as-needed basis to ensure proper operation of the dust collector and prevent fugitive emissions.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION D. Source Level Requirements**

Source ID: 105

Source Name: WATER REPELLENT AREA

Source Capacity/Throughput:

N/A

SOLVENTS

PROC
105STAC
S05**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11496(a)]

Referring to organic HAP pollutants identified under Table 1 of 40 CFR Part 63, Subpart VVVVVV, the total uncontrolled organic HAP emissions from Source ID 105 shall be less than 10,000 pounds per year (lb/yr), determined on a 12-month rolling basis.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11496]****Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources**
What are the standards and compliance requirements for process vents?

The permittee shall monitor the following:

- (a) The usage of feedstock containing HAP compound(s) as specified in Table 1 of 40 CFR Part 63, Subpart VVVVVV, monthly.
- (b) The number of batches operated, on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.**# 003 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11501]

(a) The permittee shall maintain onsite for the life of the operating permit documentation demonstrating compliance with the Notification of Compliance Status (NOCS), signed by a responsible official, including the following information as applicable:

- (1) Compliance with the management practices in 40 CFR § 63.11495.
- (2) Compliance with the requirements in 40 CFR § 63.11496.
- (3) A list of all transferred liquids that are reactive or resinous materials.

(b) The Notification of Compliance Status shall include the following, in accordance with 40 CFR § 63.9(h):

- (1) The methods that are used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods.

**SECTION D. Source Level Requirements**

(2) The type and quantity of hazardous air pollutants emitted by the facility, reported in units and averaging times and in accordance with the test methods specified in the relevant standards.

(3) A description of the air pollutant control equipment (or method) for each emission point, including each control device for each hazardous air pollutant and the control efficiency.

(4) A statement by the owner or operator of the affected source as to whether the source has complied with the relevant standard or other requirements.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

The permittee shall maintain the following records for this source:

(a) Usage of feedstock containing HAP compound(s), monthly.

(b) The number of batches operated, monthly.

(c) Usage of acetaldehyde and any other HAPs, calculated monthly, in pounds per month and pounds per year as a 12-month rolling sum.

(d) Management practice inspections, repairs, and reasons for any delay of repair, as specified in 40 CFR § 63.11495(a)(5) and in associated work practice requirements, including dates and results of inspections and repairs.

(e) Safety Data Sheets ("SDS") and/or Certified Product Data Sheets ("CPDS") of feedstock containing HAP compound(s).

005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

The permittee shall maintain files of all information required by 40 CFR Part 63 Subpart VVVVVV for at least 5 years following the date of each occurrence, according to the requirements in 40 CFR § 63.10(b)(1) and § 63.11501(c), and Condition #020, in Section B, of this permit.

V. REPORTING REQUIREMENTS.**# 006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]**

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

(a) The permittee shall prepare and submit semiannual compliance reports that contain the following information, as applicable, for those semiannual periods during which the permittee experienced any of the events described in paragraphs (d)(1) through (8) of 40 CFR § 63.11501(d):

(1) Deviations: The permittee shall clearly identify any deviation from the requirements of 40 CFR Part 63, Subpart VVVVVV.

(2) Delay of leak repair: The permittee shall provide the following information for each delay of leak repair beyond 15 days for any process equipment or storage tank: information on the date the leak was identified, the reason for the delay in repair, and the date the leak was repaired.

(3) Process change: The permittee shall report each process change that affects a compliance determination and

**SECTION D. Source Level Requirements**

submit a new certification of compliance with the applicable requirements in accordance with the procedures specified in 40 CFR § 63.11501(b) Notification of Compliance Status.

(4) Reactive and resinous materials: The permittee shall report any transfer of liquids that are reactive or resinous materials, as defined in 40 CFR § 63.11502(b), and not included in the NOCS.

(b) Reports are required only for semiannual periods during which the source experienced any of the events describe in subparagraph (a)(1) through (4), above.

(c) Reporting periods for semiannual reports are from January 1st to June 30th, and from July 1st to December 31st. The reports are due within 30 days after the end of each reporting period (July 30th and January 30th, respectively).

VI. WORK PRACTICE REQUIREMENTS.**# 007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11495]****Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources****What are the management practices and other requirements?**

(a) The permittee shall equip each process vessel with a cover or lid that must be closed at all times when the vessel contains HAP, except for material addition and sampling, according to 40 CFR § 63.11495(a)(1).

(b) The permittee shall conduct inspections of process vessels and equipment, when the source is operating and containing organic HAP, to determine that the process vessels and equipment are sound and free of leaks:

(1) Inspections at least quarterly. No inspection is required in a calendar quarter during which the source does not operate for the entire calendar quarter.

(2) For inspections, detection methods incorporating sight, sound, or smell. The inspection shall include direct and proximal inspection of all areas of potential leak within this source.

(3) Alternative to inspections, Method 21 of 40 CFR Part 60, Appendix A-7, with a leak definition of 500 parts per million by volume (ppmv), may be used for detection of leaks.

(c) The permittee shall repair any leak within 15 calendar days after detection of the leak, or document the reason for any delay of repair. A leak will be considered repaired if one of the following conditions is met:

(1) The visual, audible, olfactory, or other indications of a leak to the atmosphere have been eliminated, or

(2) No bubbles are observed at potential leak sites during a leak check using soap solution.

(d) The permittee shall operate and maintain this source in accordance with the manufacturer's specifications, and/or good operating and maintenance practices.

VII. ADDITIONAL REQUIREMENTS.**# 008 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) Source ID 105 consists of two processes:

- (1) All Products Process; and,
- (2) Water Repellent Products Process.

(b) All Products Process includes the following equipment:

- (1) V-101: oil tank, 1,600 gallon

**SECTION D. Source Level Requirements**

- (2) V-102: mixing tank, 6,500 gallon
 - (3) V-103: feed tank, 500 gallon
 - (4) Homogenizer with an oil heat exchanger, cooled by once-through water, 6 gal/min, discharged to sewer.
 - (5) V-104: finish tank, 6,500 gallon
 - (6) V-110: surge tank, 6,500 gallon
- (c) Water Repellent Products Process has one mixing tank (V-109), 4,000 gallon.
- (d) Other sources associated with Source ID 105 include Tank T-101 and T-102.

**SECTION D. Source Level Requirements**

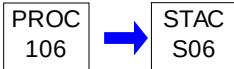
Source ID: 106

Source Name: PARTS WASHER UNIT

Source Capacity/Throughput:

N/A

SOLVENT

**I. RESTRICTIONS.**

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.**# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

For this source, the permittee shall monitor the following:

- (a) The amount of solvent added.
- (b) The amount of solvent removed.

IV. RECORDKEEPING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

The permittee shall maintain records of the following, when solvent is added and/or removed from this source:

- (a) The amount of solvent added.
- (b) The amount of solvent removed.

003 [25 Pa. Code §129.63]**Degreasing operations**

(a) A person who sells or offers for sale any solvent containing VOCs for use in a cold cleaning machine shall provide, to the purchaser, the following written information:

- (1) The name and address of the solvent supplier.
- (2) The type of solvent including the product or vendor identification number.
- (3) The vapor pressure of the solvent measured in mm hg at 20°C (68°F).

(b) The permittee shall maintain records for at least five (5) years and shall provide to the Department, on request, the information specified above. An invoice, bill of sale, certificate that corresponds to a number of sales, Safety Data Sheet (SDS), or other appropriate documentation acceptable to the Department may be used to comply with 25 Pa. Code 129.63(a).

**SECTION D. Source Level Requirements****V. REPORTING REQUIREMENTS.**

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

This source shall be maintained and operated in accordance with manufacturers' specifications and good air pollution control practices.

005 [25 Pa. Code §129.63]**Degreasing operations**

The permittee shall maintain the following parameters:

(a) Immersion cold cleaning machines and remote reservoir cold cleaning machines shall:

(1) Have a permanent, conspicuous label summarizing the operating requirements of 25 Pa. Code § 129.63(a)(3). In addition, the label shall include the following discretionary good operating practices:

(i) Cleaned parts should be drained at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts should be positioned so that solvent drains directly back to the cold cleaning machine.

(ii) When a pump-agitated solvent bath is used, the agitator should be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned.

(iii) Work area fans should be located and positioned so that they do not blow across the opening of the degreaser unit.

(2) Be equipped with a cover that shall be closed at all times except during cleaning of parts or the addition or removal of solvent. For remote reservoir cold cleaning machines which drain directly into the solvent storage reservoir, a perforated drain with a diameter of not more than 6 inches shall constitute an acceptable cover.

(b) Cold cleaning machines shall be operated in accordance with the following procedures:

(1) Waste solvent shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

(2) Flushing of parts using a flexible hose or other flushing device shall be performed only within the cold cleaning machine. The solvent spray shall be a solid fluid stream, not an atomized or shower spray.

(3) Sponges, fabric, wood, leather, paper products and other absorbent materials may not be cleaned in the cold cleaning machine.

(4) Air agitated solvent baths may not be used.

(5) Spills during solvent transfer and use of the cold cleaning machine shall be cleaned up immediately.

(c) The permittee shall not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

**SECTION D. Source Level Requirements**

006 [25 Pa. Code §129.63]

Degreasing operations

(a) A person may not use, sell or offer for sale for use in a cold cleaning machine any solvent with a vapor pressure of 1.0 millimeter of mercury (mm Hg) or greater and containing greater than 5% VOC by weight, measured at 20°C (68°F) containing VOCs.

(b) The above does not apply, if the owner or operator of the cold cleaning machine demonstrates, and the Department approves in writing, that compliance with (a), above, will result in unsafe operating conditions.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source is a Safety-Kleen resevoire drum parts washer, Model 23.0, Seriel Number 23001210.

**SECTION E. Source Group Restrictions.**

Group Name: SUBPART 6V

Group Description: HAP Subpart 6V

Sources included in this group

ID	Name
102	COATINGS AREA MIXERS (5)
103	SENERGY AREA BLENDERS (4) AND MIXER

I. RESTRICTIONS.**Throughput Restriction(s).****# 001 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11496(f)]

(a) Referring to metal HAP pollutants identified under Table 1 of 40 CFR Part 63, Subpart VVVVVV, the total metal HAP usage for Source IDs 102 and 103 shall not exceed 400 pounds per year, each, based on a 12-month rolling sum.

(b) Metal HAP that are in a liquid solution or other form that will not result in particulate emissions of metal HAP (e.g., metal HAP that is in ingot, paste, slurry, or moist pellet form or other form) are not required to be included in the total HAP usage noted in paragraph (a), above.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.**# 002 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The pressure drop across the dust collector shall be checked on a daily basis, while the process is operating.

(b) The hours of operation of the dust collector shall be monitored on a monthly basis.

003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11496]**Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the standards and compliance requirements for process vents?**

For this source, the permittee shall monitor the following operating parameters, on a monthly basis:

(a) The number of batches operated.

(b) The names, types and amount of materials processed, which contain hazardous air pollutants (HAP).

IV. RECORDKEEPING REQUIREMENTS.**# 004 [25 Pa. Code §127.441]****Operating permit terms and conditions.**

(a) The pressure drop across the dust collector shall be recorded on a daily basis, while the process is operating.

(b) The hours of operation of the dust collector shall be recorded on a monthly basis and as a 12-month rolling sum.

005 [25 Pa. Code §127.441]**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 40 CFR § 63.11501]

(a) The permittee shall maintain onsite for the life of the operating permit documentation demonstrating compliance with

**SECTION E. Source Group Restrictions.**

the Notification of Compliance Status (NOCS), signed by a responsible official, including the following information as applicable:

- (1) Compliance with the management practices in 40 CFR § 63.11495.
- (2) Compliance with the requirements in 40 CFR § 63.11496.
- (3) A list of all transferred liquids that are reactive or resinous materials.

(b) The Notification of Compliance Status shall include the following, in accordance with 40 CFR § 63.9(h):

- (1) The methods that are used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods.
- (2) The type and quantity of hazardous air pollutants emitted by the facility, reported in units and averaging times and in accordance with the test methods specified in the relevant standards.
- (3) A description of the air pollutant control equipment (or method) for each emission point, including each control device for each hazardous air pollutant and the control efficiency.
- (4) A statement by the owner or operator of the affected source as to whether the source has complied with the relevant standard or other requirements.

006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

The permittee shall maintain files of all information required by 40 CFR Part 63, Subpart VVVVVV for at least 5 years following the date of each occurrence, according to the requirements in 40 CFR § 63.10(b)(1) and § 63.11501(c), and Condition #020, in Section B, of this permit.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

[Additional authority for this permit condition is also derived from 40 CFR § 63.11496(f)]

The permittee shall maintain the following records for this source:

- (a) Management practice inspections, repairs, and, if applicable, reasons for any delay of repair, as specified in 40 CFR § 63.11495(a)(5) and in associated work practice requirements, including dates and results of inspections and repairs, according to 40 CFR § 63.11501(c).
- (b) Referring to metal HAP pollutants identified under Table 1 of 40 CFR Part 63, Subpart VVVVVV, the total metal HAP usage for Source IDs 102 and 103, calculated monthly, in pounds per month and pounds per year as a 12-month rolling sum, to determine continuous compliance with the 400 lb/yr limit. Metal HAP that are in a liquid solution or other form that will not result in particulate emissions of metal HAP (e.g., metal HAP that is in ingot, paste, slurry, or moist pellet form or other form) are not required to be included in the total HAP usage calculations.
- (c) SDS and/or CPDS of HAP containing material(s).

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]

Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

For this source, the permittee shall keep records of the following operating parameters:

**SECTION E. Source Group Restrictions.**

- (a) The number of batches operated, monthly.
- (b) The names, types and amount of materials processed monthly, which contain any HAP.

V. REPORTING REQUIREMENTS.**# 009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11501]****Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources**
What are the notification, recordkeeping, and reporting requirements, and how may I assert an affirmative defense for violation of emission standards during malfunction?

(a) The permittee shall prepare and submit semiannual compliance reports that contain the following information, as applicable, according to 40 CFR § 63.11501(d):

- (1) Deviations: The permittee shall clearly identify any deviation from the requirements of 40 CFR Part 63, Subpart VVVVVV.
- (2) Delay of leak repair: The permittee shall provide the following information for each delay of leak repair beyond 15 days for any process equipment or storage tank: information on the date the leak was identified, the reason for the delay in repair, and the date the leak was repaired.
- (3) Process change: The permittee shall report each process change that affects a compliance determination and submit a new certification of compliance with the applicable requirements in accordance with the procedures specified in 40 CFR §63.11501(b) Notification of Compliance Status.
- (4) Reactive and resinous materials: The permittee shall report any transfer of liquids that are reactive or resinous materials, as defined in 40 CFR § 63.11502(b), and not included in the NOCS.

(b) Reports are required only for semiannual periods during which the source experienced any of the events describe in subparagraph (a)(1) through (4), above.

(c) Reporting periods for semiannual reports are January 1st to June 30th, and July 1st to December 31st. The reports are due within 30 days after the end of each reporting period (July 30th and January 30th), respectively.

VI. WORK PRACTICE REQUIREMENTS.**# 010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.11495]****Subpart VVVVVV - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources**
What are the management practices and other requirements?

(a) The permittee shall equip each process vessel with a cover or lid that must be closed at all times when the vessel contains HAP (hazardous air pollutants), except for material addition, sampling and cleaning, according to 40 CFR § 63.11495(a)(1). This requirement does not apply to process vessels containing only metal HAP that are in a liquid solution or other form that will not result in particulate emissions of metal HAP (e.g., metal HAP that is in ingot, paste, slurry, or moist pellet form or other form).

(b) The permittee shall conduct inspections of process vessels and equipment to determine that the process vessels and equipment are sound and free of leaks:

- (1) Inspections at least quarterly. No inspection is required in a calendar quarter during which the source does not operate for the entire calendar quarter.
- (2) For inspections, detection methods incorporating sight, sound, or smell. The inspection shall include direct and proximal inspection of all areas of potential leak within this source.

(c) The permittee shall repair any leak within 15 calendar days after detection of the leak, or document the reason for any delay of repair. A leak will be considered repaired if one of the following conditions is met:

- (1) The visual, audible, olfactory, or other indications of a leak to the atmosphere have been eliminated, or

**SECTION E. Source Group Restrictions.**

(2) No bubbles are observed at potential leak sites during a leak check using soap solution.

(d) The permittee shall operate and maintain this source in accordance with the manufacturer's specifications, and/or good operating and maintenance practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

**SECTION F. Alternative Operation Requirements.**

No Alternative Operations exist for this State Only facility.

**SECTION G. Emission Restriction Summary.**

Source Id	Source Description				
100	POWDER/MORTAR SILOS				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.040 gr/DRY FT3</td><td>PM_FILT</td></tr></table>		Emission Limit	Pollutant	0.040 gr/DRY FT3	PM_FILT
Emission Limit	Pollutant				
0.040 gr/DRY FT3	PM_FILT				
101	4 MIXING & PACKAGING LINES				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.040 gr/DRY FT3</td><td>PM_FILT</td></tr></table>		Emission Limit	Pollutant	0.040 gr/DRY FT3	PM_FILT
Emission Limit	Pollutant				
0.040 gr/DRY FT3	PM_FILT				
102	COATINGS AREA MIXERS (5)				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>PM_FILT</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	PM_FILT
Emission Limit	Pollutant				
0.020 gr/DRY FT3	PM_FILT				
103	SENERGY AREA BLENDERS (4) AND MIXER				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>PM_FILT</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	PM_FILT
Emission Limit	Pollutant				
0.020 gr/DRY FT3	PM_FILT				
104	VACUUM SYSTEM				
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr/DRY FT3</td><td>PM_FILT</td></tr></table>		Emission Limit	Pollutant	0.020 gr/DRY FT3	PM_FILT
Emission Limit	Pollutant				
0.020 gr/DRY FT3	PM_FILT				

Site Emission Restriction Summary

Emission Limit	Pollutant
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**SECTION H. Miscellaneous.**

(a) The Department has determined that the emissions from the following activities, excluding those indicated as site level requirements, in Section C, of this permit, do not require additional limitations, monitoring, or recordkeeping:

- (1) Weil-McLain Boiler, natural gas fired (0.366 MMBtu/hr); refer to eRFD No. 5401.
- (2) Natural gas space heaters (direct heat): 47 units - 3.84 MMBtu/hr, total.
- (3) Five (5) natural gas-fired HVAC units (rated: 0.08; 0.115; 0.32; 0.32; and 0.32 MMBTU/hour).
- (4) Natural gas fired water heaters.
- (5) Tank V-C001 contains a non-VOC/non-HAP solution (Source IDs 102 and 103).
- (6) Tanks V-C002 through V-C009, containing aqueous emulsions of polymer resin (Source IDs 102 and 103).

(b) The following previously issued Operating Permit serves as the basis for certain terms and conditions set forth in this Permit: 09-310-045

(c) Change of Ownership from Thoro Systems Prod. to ChemRex Inc. received on 4-16-1999.

(d) Change of Ownership from ChemRex Inc. to Degussa Construction Chemicals Operations received on 5-18-2001.

(e) APS No. 645801, AUTH No. 725042, Date: May 2008 - The Renewal and Amendment:

- (1) PA-09-0120 and PA-09-0120A are incorporated into this permit.
- (2) Name Change from Degussa Construction Chemicals Operations to BASF Construction Chemicals received on 7-26-2006.
- (3) Change of Ownership received on 5-12-2008 under APS No. 631435, AUTH No. 703108.

(f) APS No. 717126, AUTH No. 829656, Date: May 2010 - Administrative Amendment: Change of Ownership from BASF Construction Chemicals, LLC to BASF Corporation on April 1, 2010.

(g) APS No. 799792; AUTH No. 956694, Date: May 2013 - Operating Permit Renewal:

- (1) Source ID 104 is created for the facility-wide vacuum system. This baghouse was installed in 2010, under RFD No. 1856.
- (2) Source ID 105 is created for Water Repellent Area operation.
- (3) Source ID 106 is created for Parts Washer Unit, located in Maintenance Shop.
- (4) Source IDs 102 and 103 are subject to the applicable requirements of 40 CFR Part 63 Subpart VVVVVV.

(h) APS No. 799792; AUTH No. 1201220, Date: September 2019 - Operating Permit Renewal. This operating permit renewal incorporates the following RFDs:

- (1) 09-A01-1168, for two (2) aqua ammonia cabinets.
- (2) eRFD No. 5401, for a Weil-McLain boiler (0.366 MMBtu/hr) and a Trane HVAC unit (0.32 MMBtu/hr).
- (3) eRFD No. 6402, for the reactivation of the Synergy Blenders (Source 103).
- (4) eRFD No. 6942, for the Powders Department/Vacuum Conveyor (Source 101).
- (5) eRFD No. 7671, for the Thorobond Process.

(i). March 2021 (APS No. 1032394 Authorization No. 1343361). The State Only Operating Permit was revised through an Administrative Amendment for a change of ownership for the facility. There was an additional change of ownership authorization (APS No. 1026319; Authorization No. 1332339) submitted in October 2020, and this authorization was replaced by this action.

(j) APS No. 1106798, AUTH No. 1471941. This State Only Operating Permit has been renewed for another 5-year term. This permit reflects the following:

- (1) eRFD No. 8204, for the addition of natural gas-fired water heater (rated 0.72 MMBTU/hour), used for pressure washing equipment.
- (2) eRFD No. 8989, to replace Mixer #3 with a new Mixer #3A (Source ID 102).
- (3) eRFD No. 10295, for the reactivation of the Synergy Blenders, without powder use (Source 103).
- (4) eRFD No. 10376, for the reactivation of the Synergy Blenders, with powder use (Source 103).
- (5) Monitoring and recordkeeping for the presence of odors, visible emissions, and fugitive particulate matter has been approved for weekly monitoring and recordkeeping.
- (6) Revisions to Source ID 101 and the creation of Source ID 100 to address existing material silos, including four (4) Minor Silos and the Minor Silos Cyclone w/ In-Line filter (Source ID C05).

**SECTION H. Miscellaneous.**

(k) APS No. 1106798, AUTH No. 1534058. This State Only Operating Permit has been amended to incorporate a pressure drop range for the Minor Silos Cyclone In-line Filter (Source ID C05).



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