



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: May 16, 2007

Effective Date: July 1, 2007

Expiration Date: June 30, 2012

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: 46-00222

Federal Tax Id - Plant Code: 39-0279330-1

Owner Information

Name: BOSTIK INC

Mailing Address: 11320 W WATERTOWN PLANK RD
MILWAUKEE, WI 53226-3413

Plant Information

Plant: BOSTIK INC/HUNTINGDON VALLEY

Location: 46 Montgomery County 46009 Upper Moreland Township

SIC Code: 2891 Manufacturing - Adhesives And Sealants

Responsible Official

Name: ED BAGDON

Title: FACILITY MANAGER

Phone: (215) 357 - 0756 Ext.3037

Permit Contact Person

Name: GEOFF PYKA

Title: CORP ENV MGR

Phone: (414) 607 - 1363

[Signature] _____

FRANCINE B CARLINI, SOUTHEAST REGION AIR PROGRAM MANAGER



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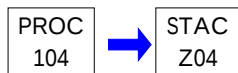
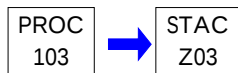
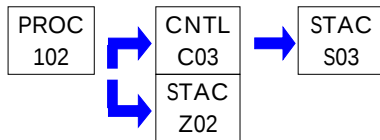
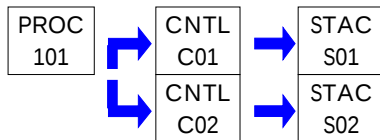
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SECTION A. Site Inventory List

Source ID	Source Name	Capacity/Throughput	Fuel/Material
101	TWO (2) SILOS / TWO (2) CHARGING STATIONS	N / A	CALCIUM CARBONATE
102	SEVEN (7) MIXERS	N / A	ADHESIVES AND CAULK
103	CLEANING OPERATIONS	N / A	CLEANING SOLVENTS
104	RAW MATERIAL STORAGE TANKS	N / A	RAW MATERIALS
C01	DUST COLLECTOR 1	N / A	
C02	DUST COLLECTOR 2	N / A	
C03	DUST COLLECTOR 3	N / A	
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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)&(c)]

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 and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (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 fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
- (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.

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(2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension, modification, revision, renewal, and re-issuance of each operating permit or part thereof.

(b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).

(1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.

(2) Three hundred dollars for applications filed during the 2000-2004 calendar years.

(3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.

(c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania - Clean Air Fund".

#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.

SECTION B. General State Only Requirements

#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:

- (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.

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(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]

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:

(b) Administrative Amendments. The permittee shall make 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 make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#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

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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:

(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

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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)
- (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 § 127.11]

Reactivation

- (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.

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(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 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

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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 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 a 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) Sources, and classes of sources, other than those identified in (a) - (e) above, for which the operator has obtained a determination from the Department, in accordance with 25 Pa. Code § 123.1(b), that fugitive emissions from the source, after appropriate controls, 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 25 Pa. Code Section 123.1(a) 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

Visible air contaminants shall not be emitted in such a manner that the opacity of the emissions is equal to or greater than 20% for a period or periods aggregating more than three minutes in any one hour; or equal to or greater than 60% at any time.

006 [25 Pa. Code §123.42]

Exceptions

The limitations of the visible emission restriction, of this Section, 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 sources specified in 25 Pa. Code Section 123.1(a).

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007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall limit the emissions of volatile organic compounds (VOCs) to 24.9 tons per 12-month rolling sum.

008 [25 Pa. Code §129.14]

Open burning operations

The permittee may not permit the open burning of material in the Southeast Air Basin, except when the open burning results 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 solely for cooking food.
- (d) A fire set solely for recreational or ceremonial purposes.
- (e) A fire set for the prevention and control of disease or pests, when approved by the Department.

II. TESTING REQUIREMENTS.

009 [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.

010 [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 by the Department.

011 [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 the Department may determine to be objectionable.
 - (2) Visible Emissions.
 - (3) Fugitive Particulate Matter.
- (b) All detectable fugitive particulate emissions, and/or objectionable odors, that originated on-site and cross the property line as well as visible emissions that originate on site shall:

SECTION C. Site Level Requirements

- (1) Be investigated.
 - (2) Be reported to the facility management, or individual(s) designated by the permittee.
 - (3) Be recorded in a permanent written log.
- (c) At the end of six months, upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.
- (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 and the semi-annual report of monitoring and record keeping, complaints, monitoring results, and/or Department findings.

IV. RECORDKEEPING REQUIREMENTS.

012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The facility shall maintain records to show compliance to the facility wide emission limit for VOCs.

(a) Records shall be maintained for all sources listed in this Operating Permit, as well as any VOC sources at the facility that are not noted in this Operating Permit.

(b) VOC emissions shall be tracked and recorded as a 12-month rolling sum.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall maintain a record of all monitoring of fugitive emissions, visible emissions, and odors.

(b) Where fugitive emissions, visible emissions, and/or odors deviate from the conditions found in this permit, records shall include, at a minimum, the following additional information:

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

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Within thirty (30) days after permit issuance, the permittee shall submit, to the Department for approval, the proposed recordkeeping formats required in this Operating Permit.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Records required per this Operating Permit shall be maintained in a format acceptable to the Department and kept for a minimum of five (5) years. Records shall be made readily available to the Department upon request.

V. REPORTING REQUIREMENTS.

016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The permittee shall, within two (2) hours, of becoming knowledgeable, of any occurrence, notify the Department, at (484) 250-5920, of any malfunction of the source(s) or associated air pollution control devices listed in Section A, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or regulation contained in 25 Pa. Code Article III.

SECTION C. Site Level Requirements

(b) Malfunction(s) which occur at this facility, and pose(s) an imminent danger to public health, safety, welfare and the environment, and would violate permit conditions if the source were to continue to operate after the malfunction, shall immediately be reported to the Department by telephone at the above number.

(c) A written report shall be submitted to the Department within two (2) working days following the notification of the incident, and shall describe, at a minimum, the following:

- (1) The malfunction(s).
- (2) The emission(s).
- (3) The duration.
- (4) Any corrective action taken.

017 [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 [25 Pa. Code § 127.441(d) and 40 CFR Part 68] 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 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.

SECTION C. Site Level Requirements

- (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:
- (1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.
 - (2) The permittee fails to submit a compliance schedule or include a statement in an annual Compliance Certification submittal for the previous year indicating compliance with the requirements of the terms and conditions of this permit, and the requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68. The certification shall include:
 - (i) The identification of each term or condition of the permit that is the basis of the certification.
 - (ii) The compliance status.
 - (iii) The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (iv) Whether compliance was continuous or intermittent.
- (g) The compliance certification should be postmarked or hand-delivered within thirty days of each anniversary date of the date of issuance of this permit.

018 [25 Pa. Code §135.3]

Reporting

- (a) The owner or operator, who has previously been advised by the Department to submit a source report, shall submit by March 1 of each year, a source report for the preceding calendar year. The report shall include information for all 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.
- (b) The source owner or operator may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

019 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

A person responsible for any source specified in 25 Pa. Code Section 123.1(a) 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, as approved by the Department, 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, as approved by the Department, 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.

020 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the source(s), listed in Section A, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturers specifications.

SECTION C. Site Level Requirements

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

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

(b) If an unauthorized modification of any source(s) occurs at this facility, the permittee shall immediately notify the Department. If so directed by the Department, then this permit, as it pertains to the modified source(s), shall be suspended and the source(s) shall not be operated until the modification is authorized by the Department.

022 [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.

VII. ADDITIONAL REQUIREMENTS.

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

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

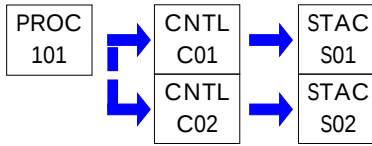
Source ID: 101

Source Name: TWO (2) SILOS / TWO (2) CHARGING STATIONS

Source Capacity / Throughput:

N / A

CALCIUM CARBONATE



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Controlled emissions of particulate matter (PM) from the Two (2) Silos and Two (2) Charging Stations shall not exceed 0.02 grain per dry standard cubic foot.

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.

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

IV. RECORDKEEPING REQUIREMENTS.

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

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

All exhaust of PM from the Two (2) Silos and Two (2) Charging Stations shall be directed to Dust Collector Nos. 1 and / or 2.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The Two (2) Silos shall not be used to store VOC or HAP containing materials.

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

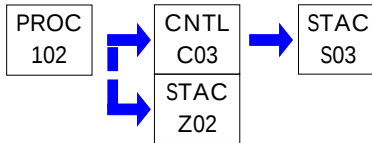
Source ID: 102

Source Name: SEVEN (7) MIXERS

Source Capacity / Throughput:

N / A

ADHESIVES AND CAULKING



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Emissions of volatile organic compounds (VOCs) from the Seven Mixers shall be limited to 5.23 tons per 12-month rolling sum.

(b) Emissions of hazardous air pollutants (HAPs) from the Seven Mixers shall be limited to 3.38 tons per 12-month rolling sum.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Controlled emissions of particulate matter (PM) from the Seven Mixers shall not exceed 0.02 grain per dry standard cubic foot.

II. TESTING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For new products at the facility, where there is insufficient information to determine whether emissions associated with the manufacture of such products are less than or equal to an emission factor listed herein this Operating Permit, then the permittee shall perform stack testing for VOCs and HAPs, as determined by the Department, and in accordance with 25 Pa Code 139, prior to mass producing the product at the facility.

III. MONITORING REQUIREMENTS.

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

IV. RECORDKEEPING REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

A daily log shall be maintained identifying all products produced in the Seven Mixers, including the amount of product produced in pounds. Production shall be summarized on a monthly basis, by product families, as coincides with the emission factors outlined herein this Operating Permit.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Emissions of VOCs and HAPs from the Seven Mixers shall be determined and recorded on a monthly basis and as a 12-month rolling sum.

(a) The following emission factors shall be used for determining emissions of VOCs from the listed product families:

SECTION D. Source Level Requirements

Product Family	Emission Factor VOCs (lbs/lb of product)				
Silyl-Modified Polymer	3.295E-04				
One Part Polyurethane	2.073E-06				
Two-Part Polyurethane Base	9.647E-06				
Two-Part Polyurethane Activator	2.905E-06				
Reactive Hotmelt	3.479E-04				

(b) The following emission factors shall be used for determining emissions of HAPs from the listed product families:

Product Family	MDI	Emission Factors HAPs (lbs/lb of product)			
		m/p-Xylene	o-Xylene	Ethyl Benzene	Toluene
One Part Polyurethane	4.15E-10	8.62E-05	9.95E-06	4.48E-05	8.29E-07
Two-Part Polyurethane Activator	1.90E-10	N/A	N/A	N/A	N/A

V. REPORTING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall report when it is proposed to make a new product at the facility that was not made at the facility previous to December 2004.

(a) The permittee shall note what product family the new product will belong to, based on the new product's emission rate. If the new product does not coincide with one of the approved emission factors, then the new product will need to be stack tested for, according to the Testing Requirements outlined herein this Operating Permit.

(b) Prior to making a new product, the permittee must submit to the DEP the necessary documentation and reports to show that the new product will comply with one of the existing emission factors. Otherwise, the facility will need to perform stack testing for the new product, according to the Testing Requirements outlined herein this Operating Permit.

VI. WORK PRACTICE REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

During loading of the Seven Mixers, exhausted emissions shall be directed to Dust Collector No. 3.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Either Wilhelm Niemann (Model No. V KDV 1500-136) or Hockmeyer (Model No. HHL-III series) are the manufacturers of the seven (7) mixers, which each have a capacity of 350 gallons.

**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: CLEANING OPERATIONS

Source Capacity / Throughput:

N / A

CLEANING SOLVENTS

PROC
103STAC
Z03**I. RESTRICTIONS.****Emission Restriction(s).**

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) Emissions of VOCs from Cleaning Operations shall be limited to 19.6 tons per 12-month rolling sum.

(b) Emissions of HAPs from Cleaning Operations shall be limited to 2.75 tons per 12-month rolling sum.

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.

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

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

(a) The identity and quantity of all cleaning solvents used at the facility shall be tracked on a monthly basis.

(b) A Material Safety Data Sheet or equivalent document identifying the VOC and HAP content of the cleaning solvent(s) shall be maintained on site.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Emissions of VOCs and HAPs from Cleaning Operations shall be determined and recorded on a monthly basis and as a 12-month rolling sum.

(a) The permittee has been approved to adopt a 50 percent rule, such that when the permittee inventories solvent received, versus solvent shipped out, 50 percent of the difference shall be assumed to be retained in the spent solvent rag waste stream. This 50 percent rule is based on the permittee restricting solvent usage to solvents with a vapor pressure of less than or equal to 10 mmHg at 20°C (68°F).

(b) The quantity of solvent shipped out as waste shall be adjusted according to test results obtained for percent solids.

(c) Emissions of VOCs shall be determined using the following equation:

$$\text{VOCs} = 0.5 \times [\text{I}_t - (\text{I}_e + \text{S}_w)]$$

Where,

**SECTION D. Source Level Requirements**

It = Inventory of solvent at the beginning of the month, including solvent received that month

Ie = Inventory of solvent at the end of month

And,

$Sw = (1 - \text{Percent solids in waste solvent}) \times (\text{weight of solvent shipped out})$

(d) Emissions of HAPs shall be determined using the following equation:

$\text{HAPs} = (\text{cleaning solvent losses}) \times (\text{percent HAPs in cleaning solvent})$

(e) For the purposes of this Operating Permit, the Percent solids in waste solvent noted in the equation for Sw in (c) above has been estimated to be 40.9, based on sampling performed at this facility. This value shall be used until such time that the facility makes any changes to its cleaning operation strategy or that the Department finds reason to believe that this value is no longer valid.

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.

Any solvents not used in the Solvent Sinks (part washers) that are used for cleaning may have a vapor pressure up to 10 mmHg at 20°C (68°F).

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All solvent containers shall be kept closed at all times unless filling, draining, or performing cleanup operations.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All solvent laden shop towels from cleanup operations shall be kept in a closed, non-absorbent, non-leaking container when not being used.

007 [25 Pa. Code §129.63]

Degreasing operations

The Solvent Sinks (part washers) are subject to the requirements of 25 Pa. Code §129.63(a). For any solvents used in the Solvent Sinks that contain greater than 5 percent VOCs, the vapor pressure shall be less than 1.0 mmHg at 20°C (68°F).

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Cleaning Operations include a Tub Washer, a Solvent Tub, Solvent Sinks (parts washers) and manual clean up.

**SECTION D. Source Level Requirements**

Source ID: 104

Source Name: RAW MATERIAL STORAGE TANKS

Source Capacity/Throughput:

N/A

RAW MATERIALS

PROC
104STAC
Z04**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.

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

IV. RECORDKEEPING REQUIREMENTS.

001 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Records of the following shall be maintained for each raw material storage tank:

(a) Contents

(b) Vapor Pressure of Contents

002 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The throughput for each raw material storage tank shall be recorded on a monthly basis.

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.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

The various raw material storage tanks shall be limited to contents with a vapor pressure less than 1.5 psia.

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: C01

Source Name: DUST COLLECTOR 1

Source Capacity / Throughput:

N / A

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.](#)

The Dust Collector shall be equipped with a pressure drop gauge, to measure the pressure drop across the Dust Collector bags, in inches water gauge (w.g.).

IV. RECORDKEEPING REQUIREMENTS.

002 [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, when the Dust Collector is operating.

(b) If pressure drop readings deviate from the allowable range specified herein this Operating Permit for this Dust Collector, the facility shall record the reason for operating outside the range, and the steps taken to correct it.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

A log shall be maintained to document maintenance performed on the Dust Collector, as well as noting when bags are replaced, and how many bags were replaced.

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.](#)

Spare bags shall be available on site at all times for immediate replacement of worn or torn bags.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

(a) The pressure drop across the Dust Collector shall be maintained within a nominal pressure drop range of 4 to 9 inches w.g.

(b) If the pressure drop deviates from the above nominal pressure drop range, the facility shall inspect the Dust Collector to determine the reason for this. The facility shall then take the appropriate steps to ensure that the pressure drop does not deviate from the nominal pressure drop range again.

006 [25 Pa. Code §127.441]



SECTION D. Source Level Requirements

Operating permit terms and conditions.

At a minimum of once a year, the clean side of the dust collector shall be inspected for signs of leaks (relating to PM emissions).

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Dust Collector No. 1 is designated as the "Little Blue" Dust Collector.

**SECTION D. Source Level Requirements**

Source ID: C02

Source Name: DUST COLLECTOR 2

Source Capacity / Throughput:

N / A

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.](#)

The Dust Collector shall be equipped with a pressure drop gauge, to measure the pressure drop across the Dust Collector cartridges, in inches water gauge (w.g.).

IV. RECORDKEEPING REQUIREMENTS.

002 [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, when the Dust Collector is operating.

(b) If pressure drop readings deviate from the allowable range specified herein this Operating Permit for this Dust Collector, the facility shall record the reason for operating outside the range, and the steps taken to correct it.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

A log shall be maintained to document maintenance performed on the Dust Collector, as well as noting when cartridges are replaced, and how many cartridges were replaced.

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 pressure drop across the Dust Collector shall be maintained within a nominal pressure drop range of 4 to 9 inches w.g.

(b) If the pressure drop deviates from the above nominal pressure drop range, the facility shall inspect the Dust Collector to determine the reason for this. The facility shall then take the appropriate steps to ensure that the pressure drop does not deviate from the nominal pressure drop range again.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Spare cartridges shall be available on site at all times for immediate replacement of worn or torn cartridges.

006 [25 Pa. Code §127.441]



SECTION D. Source Level Requirements

Operating permit terms and conditions.

At a minimum of once a year, the clean side of the dust collector shall be inspected for signs of leaks (relating to PM emissions).

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Dust Collector No. 2 is designated as the "Red" Dust Collector.

**SECTION D. Source Level Requirements**

Source ID: C03

Source Name: DUST COLLECTOR 3

Source Capacity / Throughput:

N / A

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.](#)

The Dust Collector shall be equipped with a pressure drop gauge, to measure the pressure drop across the Dust Collector bags, in inches water gauge (w.g.).

IV. RECORDKEEPING REQUIREMENTS.

002 [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, when the Dust Collector is operating.

(b) If pressure drop readings deviate from the allowable range specified herein this Operating Permit for this Dust Collector, the facility shall record the reason for operating outside the range, and the steps taken to correct it.

003 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

A log shall be maintained to document maintenance performed on the Dust Collector, as well as noting when bags are replaced, and how many bags were replaced.

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 pressure drop across the Dust Collector shall be maintained within a nominal pressure drop range of 1 to 6 inches w.g.

(b) If the pressure drop deviates from the above nominal pressure drop range, the facility shall inspect the Dust Collector to determine the reason for this. The facility shall then take the appropriate steps to ensure that the pressure drop does not deviate from the nominal pressure drop range again.

005 [25 Pa. Code §127.441]

[Operating permit terms and conditions.](#)

Spare bags shall be available on site at all times for immediate replacement of worn or torn bags.

006 [25 Pa. Code §127.441]



SECTION D. Source Level Requirements

Operating permit terms and conditions.

At a minimum of once a year, the clean side of the dust collector shall be inspected for signs of leaks (relating to PM emissions).

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Dust Collector No. 3 is designated as the "Big Blue" Dust Collector.



SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.

**SECTION F. Emission Restriction Summary.**

Source Id	Source Description								
101	TWO (2) SILOS / TWO (2) CHARGING STATIONS								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>0.020 gr / DRY FT3</td><td>TSP</td></tr></table>		Emission Limit	Pollutant	0.020 gr / DRY FT3	TSP				
Emission Limit	Pollutant								
0.020 gr / DRY FT3	TSP								
102	SEVEN (7) MIXERS								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>3.380 Tons / Yr</td><td>Hazardous Air Pollutants</td></tr><tr><td>0.020 gr / DRY FT3</td><td>TSP</td></tr><tr><td>5.230 Tons / Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	3.380 Tons / Yr	Hazardous Air Pollutants	0.020 gr / DRY FT3	TSP	5.230 Tons / Yr	VOC
Emission Limit	Pollutant								
3.380 Tons / Yr	Hazardous Air Pollutants								
0.020 gr / DRY FT3	TSP								
5.230 Tons / Yr	VOC								
103	CLEANING OPERATIONS								
<table><tr><th>Emission Limit</th><th>Pollutant</th></tr><tr><td>2.750 Tons / Yr</td><td>Hazardous Air Pollutants</td></tr><tr><td>19.600 Tons / Yr</td><td>VOC</td></tr></table>		Emission Limit	Pollutant	2.750 Tons / Yr	Hazardous Air Pollutants	19.600 Tons / Yr	VOC		
Emission Limit	Pollutant								
2.750 Tons / Yr	Hazardous Air Pollutants								
19.600 Tons / Yr	VOC								

Site Emission Restriction Summary

Emission Limit	Pollutant
24.900 Tons / Yr	VOC

SECTION G. Miscellaneous.

(a) The Department has determined that the following sources or activities do not require the submittal of a Plan Approval:

- (1) Boilers, rated at less than 10 MMBtu/Hr and only combusting natural gas.
- (2) Storage Tanks holding material with a vapor pressure of less than 1.5 psia.
- (3) Hot Box (MDI Ovens)

(b) The Department has determined that those boilers located at this facility, that are rated at 10 MMBtu/Hr or less, and only combust natural gas, are insignificant sources emissions, and therefore, do not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State, and Local regulations that may apply, including the Site Level Requirements (Section C) of this Operating Permit.

(c) The following previously issued Plan Approvals serve as the basis for certain terms and conditions set forth in this Operating Permit:

- (1) PA-46-0222
- (2) 46-0222A



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