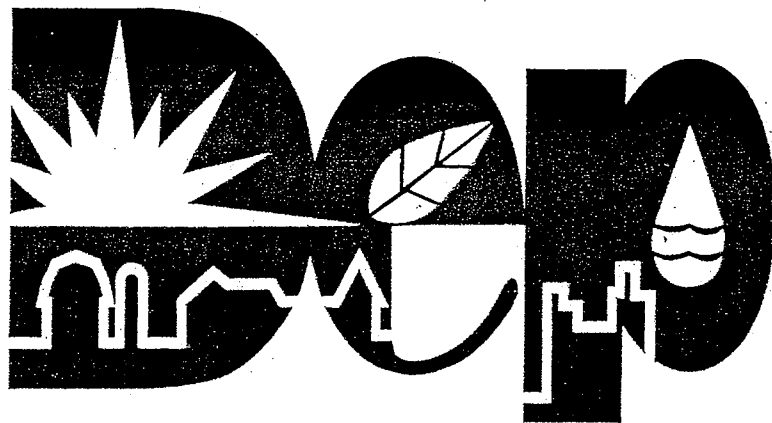




**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Air Quality
Northeast Region**

TITLE V OPERATING PERMIT # 48-00018

Company Name: Elementis Pigments, Inc.

Plant Name: Easton Plant

Municipality: City of Easton

County: Northampton County

COUNTY:

MAR 23 2004

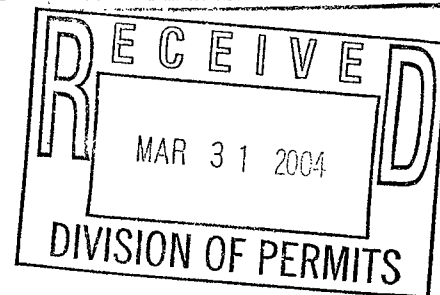
FACILITY:

PERMIT:

Based upon Pennsylvania's Operating Permits Program

25 Pa. Code Chapter 127

Effective November 25, 1994



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

TITLE V/STATE OPERATING PERMIT

ISSUE DATE: 26-DEC-00

EFFECTIVE DATE: 31-DEC-05

EXPIRATION DATE: 31-DEC-05

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 the site inventory list. 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 applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V PERMIT NO: 48-00018

TAX-ID/PLANT CODE 05-0451513/02

OWNER ELEMENTIS PIGMENTS INC
MAILING 1525 WOOD ST
ADDRESS EASTON, PA. 18042

PLANT EASTON
LOCATION 48 Northampton County 48002 Easton
SIC CODE 2816 Manufacturing - Inorganic Pigments

RESPONSIBLE OFFICIAL

NAME RAYMOND L MAHANEY
TITLE DIRECTOR OF OPERATIONS

PERMIT CONTACT PERSON

NAME WILLARD KOCHER
TITLE ENVIRONMENTAL COORDINATOR
PHONE (215) 250-3700

[SIGNATURE]

THOMAS A DILAZARO, NORTHEAST REGION AIR PROGRAM MANAGER

2-26-01

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- D-IV: Recordkeeping Requirements*
- D-V: Reporting Requirements*
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Note: These same sub-sections are repeated for each source!

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- E-II: Testing Requirements*
- E-III: Monitoring Requirements*
- E-IV: Recordkeeping Requirements*
- E-V: Reporting Requirements*
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- E-VII: Additional Requirements*

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- F-IV: Recordkeeping Requirements*
- F-V: Reporting Requirements*
- F-VI: Work Practice Standards*
- F-VII: Additional Requirements*

Section G. Emission Trading Group**Section H. Emission Restriction Summary****Section I. Miscellaneous**

ID	Source Name	Capacity	Fuel/Material
033	CLEAVER BROOKS BOILER	25.1	MMBTU/HR
034	BABCOCK & WILCOX BOILER	36.4	MMBTU/HR
037	SUPERIOR BOILER	1.0	MMBTU/HR
101A	NO. 1 DEHYDRATION KILN		
102A	NO. 2 DEHYDRATION KILN		
103A	NO. 3 DEHYDRATION KILN		
109	OXIDATION KILN #1		
110	OXIDATION KILN #2		
111	OXIDATION KILN #3		
112	OXIDATION KILN #4		
113	OXIDATION KILN #5		
114	OXIDATION KILN #6		
115	OXIDATION KILN #7		
151	BLENDING & BG MILL SYSTEM		
152	GRANULAR SYSTEM		
153	IMP MILL NO. 4		
159	NATURAL ORE AREA (CRUSHER)		
160	NATURAL ORE AREA (JET MILL)		
186	BOMF DRY MATERIAL PROCESSING AREA		
199	BLENDING SYSTEM (LOWER PLANT)		
200	BOMF APRON DRYER		
203	STEAM DRYER		
210	APRON DRYER (FINISHING MILL)		
251	CONTACT ACID PLANT		
252	ACID PLANT PREHEATER		
301	NO. 11 NEUTRALIZING TANK		
302	NO. 12 NEUTRALIZING TANK		
303	NO. 13 NEUTRALIZING TANK		
351A	CORPERAS ROTARY DRYER		
352	APRON DRYER #2		
401	WG CONVEYING SYSTEM		
402	DEHYDRATION AREA SHAKER SCREEN		
403	CHARGE FLOOR OPERATIONS		
404	SODA ASH STORAGE BIN		
405	EMERGENCY GENERATOR		
406	UPS GENERATOR		
407	SPACE HEATERS		
C04A	WEST ENVIROTECH ESP		
C05A	EAST ENVIROTECH ESP		
C06	ACID PLANT SCRUBBER		
C07	ACID PLANT DEMISTER		
C08	CONVEYOR BAGHOUSE		
C14	BLENDING/BG MILL FABRIC FILTER		
C16	GRANULAR SYSTEM FABRIC FILTER		
C17	NO. 4 MILL BAGHOUSE		
C172	CHARGE FLOOR DUST COLLECTOR		

ID	Source Name	Capacity	Fuel/Material
C186A	BOMF PROCESSING AREA BAGHOUSE A		
C186B	BOMF PROCESSING AREA BAGHOUSE B		
C191	SODA ASH STORAGE BIN DUST COLLECTOR		
C199	BLENDING SYSTEM FABRIC FILTER (LOWE		
C27	NATURAL ORE CRUSHER BAGHOUSE		
C28	JET MILL FABRIC FILTER		
C353	COPPERAS DRYER CYCLONE		
C38	NO. 11-13 TANK AFTERBURNER		
C402	DHY SHAKER SCREEN FABRIC FILTER		
FM001	#6 OIL STORAGE		
FM002	#2 FUEL OIL STORAGE		
FM003	#4 FUEL OIL STORAGE		
FM004	NATURAL GAS		
FM006	DIESEL FUEL STORAGE		
S04A	WEST ESP STACK		
S05A	EAST ESP STACK		
S06	ACID DEMISTER STACK		
S07	WG CONVEYOR BAGHOUSE STK		
S13	BLEND/BG BAGHOUSE VENT		
S15	GRANULAR BAGHOUSE VENT		
S16	IMP MILL #4 STACK		
S172	CHARGE FLOOR COLL. STACK		
S174	ACID PREHEATER STACK		
S178	#2 APRON DRYER STACK		
S186A	BOMF BAGHOUSE A VENT		
S186B	BOMF BAGHOUSE B VENT		
S191	SODA ASH BIN VENT		
S192	EMERGENCY GEN. STACK		
S199	BLENDING SYS FILTER VENT		
S200	BOMF APRON DRYER VENT		
S203	STEAM DRYER VENT		
S210	APRON DRYER VENT		
S26	CRUSHER BAGHOUSE STACK		
S27	JET MILL COMBUSTION VENT		
S28	JET MILL BAGHOUSE B STACK		
S36	CB BOILER STACK		
S37	SUPERIOR BOILER STACK		
S39	OXD KILN #1 STACK		
S40	OXD KILN #2 STACK		
S402	DHY FABRIC FILTER EXHAUST		
S406	UPS GENERATOR VENT		
S407	SPACE HEATER EXHAUSTS		
S41	OXD KILN #3 STACK		
S42	OXD KILN #4 STACK		
S43	OXD KILN #5 STACK		

SECTION A. Site Inventory List

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ID	Source Name	Capacity	Fuel/Material
S44	OXD KILN #6 STACK		
S45	OXD KILN #7 STACK		
S52	B&W BOILER STACK		
Z03	TANK #11-13 FUGITIVE LOSS		

FML

FM003-->

FML

FM002-->

FML

FM001-->

FML

FM004-->033 -->S36

FML

FM003-->

FML

FM002-->

FML

FM001-->

FML

FM004-->034 -->S52

FML

FM004-->037 -->S37

SECTION A. Site Inventory List

12/21/00 PAGE: 8
48-00018FML
FM004-->FML
FM001-->FML
FM002-->

FML	Proc	CD	EP
FM003-->	101A	-->C04A	-->S04A
		CD	EP
		-->C05A	-->S05A

FML
FM003-->

FML	Proc	CD	EP
FM002-->	102A	-->C04A	-->S04A
		CD	EP
		-->C05A	-->S05A

FML
FM002-->

FML	Proc	CD	EP
FM003-->	103A	-->C04A	-->S04A
		CD	EP
		-->C05A	-->S05A

FML
FM002-->

FML	Proc	EP
FM004-->	109	-->S39

FML
FM002-->

FML	Proc	EP
FM004-->110	-->	S40

FML
FM002-->

FML	Proc	EP
FM004-->111	-->	S41

FML
FM002-->

FML	Proc	EP
FM004-->112	-->	S42

FML
FM002-->

FML	Proc	EP
FM004-->113	-->	S43

FML
FM002-->

FML	Proc	EP
FM004-->114	-->	S44

FML
FM002-->

FML	Proc	EP
FM004-->115	-->	S45

SECTION A. Site Inventory List

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Proc CD EP
151 -->C14 -->S13

Proc CD EP
152 -->C16 -->S15

Proc CD EP
153 -->C17 -->S16

Proc CD EP
159 -->C27 -->S26

FML Proc CD EP
FM002-->160 -->C28 -->S28
| EP
-->S27

Proc CD EP
186 -->C186A-->S186A
| CD EP
-->C186B-->S186B

Proc CD EP
199 -->C199 -->S199

FML Proc EP
FM004-->200 -->S200

SECTION A. Site Inventory List

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Proc EP
203 -->S203

FML Proc EP
FM004-->210 -->S210

Proc CD CD EP
251 -->C06 -->C07 -->S06

FML Proc EP
FM004-->252 -->S174

Proc CD EP
301 -->C38 -->Z03

Proc CD EP
302 -->C38 -->Z03

Proc CD EP
303 -->C38 -->Z03

SECTION A. Site Inventory List

12/21/00 PAGE 12
48-00018FML
FM001-->FML
FM003-->FML
FM004-->

FML	Proc	CD	CD	EP
FM002-->	351A	-->C353	-->C04A	-->S04A
			CD	EP
			-->C05A	-->S05A

FML	Proc	EP
FM004-->	352	-->S178

Proc	CD	EP
401	-->C08	-->S07

Proc	CD	EP
402	-->C402	-->S402

Proc	CD	EP
403	-->C172	-->S172

Proc	CD	EP
404	-->C191	-->S191

FML	Proc	EP
FM006-->	405	-->S192

SECTION A. Site Inventory List

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48-00018

FML Proc EP
FM006-->406 -->S406

FML
FM004-->

FML Proc EP
FM002-->407 -->S407

#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 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.512(c)(4)]

Property Rights

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

#003 [25 Pa. Code § 127.446(a) and (c)]

Permit Expiration

This permit is issued for a fixed term of five (5) years from the effective date shown on Page 2 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V 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. 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.

#004 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446(e) & 127.503]

Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least six (6) months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) 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. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§ 127.450(a)(4) & 127.464(a)]
Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) 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,

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code § 127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#006 [25 Pa. Code § 127.513, 35 P.S. § 4008 and § 114 of the CAA]
Inspection and Entry

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

(1) Enter at reasonable times upon the permittee's premises where a Title V 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 or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, 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, 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.

(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 §§ 127.25, 127.444, & 127.512(c)(1)]
Compliance Requirements

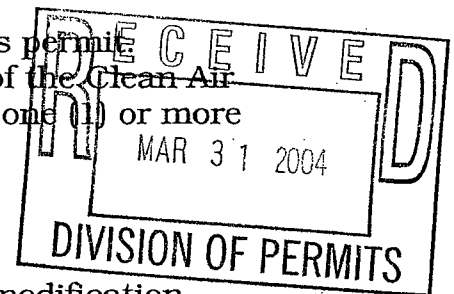
(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one (1) or more of the following:

(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 to the source are 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 Title V 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 § 127.512(c)(2)]
Need to Halt or Reduce Activity Not a Defense

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

#009 [25 Pa. Code §§ 127.411(d) & 127.512(c)(5)]
Duty to Provide Information

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§ 127.463, 127.512(c)(3) & 127.542]
Reopening and Revising the Title V Permit for Cause

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration

of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of three (3) or more years prior to the expiration date of this permit. The permit revision shall be completed within 18 months after promulgation of the applicable requirement. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code § 127.543]
Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#012 [25 Pa. Code § 127.541]
Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§ 121.1 & 127.462]
Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

#014 [25 Pa. Code § 127.450]
Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code § 127.512(b)]
Severability Clause

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

#016 [25 Pa. Code §§ 127.704, 127.705 & 127.707]
Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in Subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§ 127.14(b) & 127.449]
Authorization for De Minimis Emission Increases

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with seven (7) days prior written notice before commencing any de minimis emissions

increase that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. 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.

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

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit 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 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 or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(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, liquified petroleum gas 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.

(d) 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 (b)(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 the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

(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 allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical 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.

#018 [25 Pa. Code §§ 127.11a & 127.215]
Reactivation of Sources

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to five (5) years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(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).

#019 [25 Pa. Code §§ 121.9 & 127.216]
Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of air contaminants emitted, conceals or dilutes an emission of air

contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§ 127.402(d) & 127.513(1)]
Submissions

(a) 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 on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement Programs Section (3AT13)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d).

(d) Unless otherwise required by the Clean Air Act or regulations adopted thereunder, a responsible official of the facility shall certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate, and complete.

#021 [25 Pa. Code § 127.441(c) & Chapter 139; §§ 114(a)(3), 504(b) of the CAA]
Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permit, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§ 127.511 & Chapter 135]
Recordkeeping Requirements

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

(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 the 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. If direct recordkeeping is not possible or practical, sufficient records shall be

kept to provide the needed information by indirect means.

#023 [25 Pa. Code §§ 127.411(d), 127.442 & 127.511(c)]
Reporting Requirements

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated under the Clean Air Act after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six (6) months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code § 127.513]
Compliance Certification

(a) Within one (1) year from the date of issuance of the Title V permit and each year thereafter, the permittee shall submit to the Department and EPA Region III a certification of compliance with the terms and conditions in this permit including the emission limitations, standards or work practices. This certification shall include:

(1) The identification of each term or condition of the permit that is the basis of the certification.

(2) The compliance status.

(3) The methods used for determining the compliance status of the source, currently and over the reporting period.

(4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be submitted to the Department and EPA in accordance with the submission requirements specified in Condition #020 of this section.

#025 [25 Pa. Code § 127.3]
Operational Flexibility

(a) The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and Section 6.1(i) of the Air Pollution Control Act:

(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 amendments)

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

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

*#026 [25 Pa. Code §§ 127.441(d), 127.512(i) and 40 CFR Part 68]
Risk Management*

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

(b) The permittee shall prepare and implement a Risk Management Plan (RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility. The permittee shall prepare and implement the RMP 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) June 21, 1999;

(ii) Three years after the date on which a regulated substance is first listed under § 68.130; or,

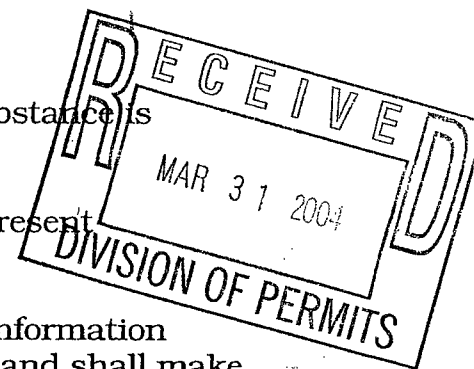
(iii) The date on which a regulated substance is first present above a threshold quantity in a process.

(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 the Title V 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 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or,

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V 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 the Title V 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 the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code § 121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

I. RESTRICTIONS.

Emission Limitation(s).

#001 [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) Open burning operations.
- (g) Sources and classes of sources other than those identified 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.
- (2) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

#002 [25 Pa. Code §123.2]

Fugitive particulate matter

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Section C, Condition #001 if the emissions are visible at the point the emissions pass outside the person's property.

#003 [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.

#004 [25 Pa. Code §123.41]

Limitations

(a) 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:

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

(b) The limitations of paragraph (a) shall not apply to a visible emission in any of the following instances:

- (1) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (2) When the emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.
- (3) When the emission results from sources specified in Section C, Condition #001 (relating to prohibition of certain fugitive emissions).

II. TESTING REQUIREMENTS.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

If requested by the Department, the permittee shall perform a stack test, in accordance with the provisions of the most current publication of the DEP Source Testing Manual and 25 Pa. Code, Chapter 139 of the Rules and Regulations of the Department of Environmental Protection, within the time frame specified by the Department.

#006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

All sampling, testing and analyses performed in compliance with the requirements of any section of this permit shall be done in accordance with General Title V Requirement #021.

#007 [25 Pa. Code §139.1]

Sampling facilities.

Upon the request of the Department, the permittee shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities

shall be provided as well as the specifications for such facilities.

III. MONITORING REQUIREMENTS.

#008 [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.

#009 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

FUGITIVE AND VISIBLE EMISSIONS

The permittee shall conduct weekly inspections of the facility perimeter, during daylight hours when the plant is in operation, to detect visible and fugitive emissions as follows:

- (a) Visible emissions in excess of the limits stated in Site Level Condition #004. Visible emissions may be measured according to the methods specified in Site Level Condition #008, or alternatively, plant personnel who observe any visible emissions (i.e. emissions in excess of 0% opacity) will report the incident of visible emissions to the Department within four (4) hours of each incident and make arrangements for a certified observer to verify the opacity of the emissions.
- (b) The presence of fugitive emissions visible beyond the boundaries of the facility, as stated in Site Level Condition #002.

IV. RECORDKEEPING REQUIREMENTS.

#010 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

FUGITIVE AND VISIBLE EMISSIONS

- (a) The permittee shall, at the conclusion of each weekly inspection, record all occurrences of fugitive and/or visible emissions which deviate from the limitations of Site Level Conditions #002 and #004.
- (b) The permittee shall record any and all corrective action(s) taken to

abate each recorded deviation or prevent future occurrences.

#011 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

All records, reports and analysis results generated in compliance with the requirements of any section of this permit shall be maintained in accordance with General Title V Requirement #022, and shall be made available to the Department upon written or verbal request as a reasonable time.

V. REPORTING REQUIREMENTS.

#012 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

FUGITIVE AND VISIBLE EMISSIONS

(a) On a semi-annual basis, the permittee shall compile a report of all logged instances of deviation from the fugitive and visible emission limitations that occurred and the actions taken in response to them. This report shall be submitted to the Department.

(b) If no deviations have been logged during the reported period, this report shall be retained at the facility and made available to the Department upon request.

#013 [25 Pa. Code §135.3]

Reporting

The owner or operator 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.

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.

#014 [25 Pa. Code §135.21]

Emission statements

(a) The permittee shall provide the Department with a statement of each stationary source in a form as prescribed by the Department, showing the actual emissions of oxides of nitrogen and volatile organic compounds (VOCs) from the permitted facility for each reporting period, a

description of the method used to calculate the emissions and the time period over which the calculation is based.

(b) The annual emission statements are due by March 1 for the preceding calendar year and shall contain a certification by a company officer or the plant manager that the information contained in the statement is accurate. The Emission Statement shall provide data consistent with requirements and guidance developed by the EPA.

(c) The Department may require more frequent submittals if the Department determines that one or more of the following applies:

- (1) A more frequent submission is required by the EPA.
- (2) Analysis of the data on a more frequent basis is necessary to implement the requirements of the Air Pollution Control Act.

VI. WORK PRACTICE STANDARDS.

#015 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

For any source specified in Section C, Condition #001, the permittee 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 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, oil, or 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 other means.

#016 [25 Pa. Code §129.14]

Open burning operations

(a) Air basins. No person may permit the open burning of material in an air basin.

(b) Exceptions: The requirements of subsections (a) do not apply where the open burning operations result from:

- (1) 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.

- (2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
- (3) A fire set for the prevention and control of disease or pests, when approved by the Department.
- (4) A fire set solely for recreational or ceremonial purposes.
- (5) A fire set solely for cooking food.

(d) Clearing and grubbing wastes. The following is applicable to clearing and grubbing wastes:

- (1) As used in this subsection the following terms shall have the following meanings:

Air curtain destructor -- A mechanical device which forcefully projects a curtain of air across a pit in which open burning is being conducted so that combustion efficiency is increased and smoke and other particulate matter are contained.

Clearing and grubbing wastes -- Trees, shrubs, and other native vegetation which are cleared from land during or prior to the process of construction. The term does not include demolition wastes and dirt laden roots.

- (2) Subsection (a) notwithstanding, clearing and grubbing wastes may be burned in a basin subject to the following requirements:
 - (i) Air curtain destructors shall be used when burning clearing and grubbing wastes.
 - (ii) Each proposed use of air curtain destructors shall be reviewed and approved by the Department in writing with respect to equipment arrangement, design and existing environmental conditions prior to commencement of burning. Proposals approved under this subparagraph need not obtain plan approval or operating permits under Chapter 127 (relating to construction modification, reactivation and operation of sources).
 - (iii) Approval for use of an air curtain destructor at one site may be granted for a specified period not to exceed 3 months, but may be extended for additional limited periods upon further approval by the Department.
 - (iv) The Department reserves the right to rescind approval granted if a determination by the Department indicates that an air pollution problem exists.

- (4) During an air pollution episode, open burning is limited by Chapter

137 (relating to air pollution episodes) and shall cease as specified in such chapter.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 033

Source Name: CLEAVER BROOKS BOILER

SOURCE CAPACITY: 25.1 MMBTU

This source occurs in the following groups: GROUP 3
GROUP 1

FML
FM003-->

FML
FM002-->

FML
FM001-->

FML Comb EP
FM004-->033 -->S36

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 034

Source Name: BABCOCK & WILCOX BOILER

SOURCE CAPACITY: 36.4 MMBTU

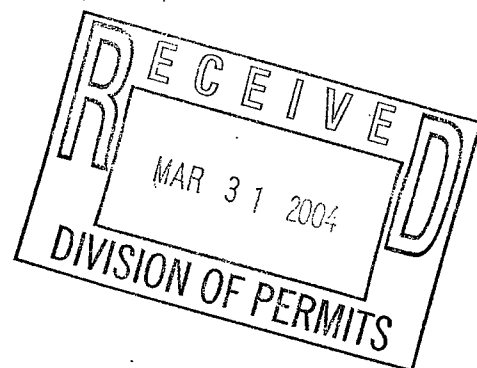
This source occurs in the following groups: GROUP 3
GROUP 1

FML
FM003-->

FML
FM002-->

FML
FM001-->

FML Comb EP
FM004-->034 -->S52



I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 037

Source Name: SUPERIOR BOILER

SOURCE CAPACITY:

1.0 MMBTU

FML Comb EP
FM004-->037 -->S37

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.22]

Combustion units

The concentration of sulfur oxides (expressed as SO₂) in the emissions from this boiler may not exceed 3.0000 Pounds per Million BTU of Sulfur Dioxide over any 1-hour period.

Fuel Restriction(s).

#002 [25 Pa. Code §127.444]

Compliance requirements.

This combustion unit may only fire natural gas fuel.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 101A

Source Name: NO. 1 DEHYDRATION KILN

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML
FM004-->

FML
FM001-->

FML
FM002-->

FML | Proc CD EP
FM003-->101A -->C04A -->S04A

 | CD EP
 -->C05A -->S05A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 102A

Source Name: NO. 2 DEHYDRATION KILN

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2
GROUP 3

FML

FM003-->

FML

Proc CD EP
FM002-->102A -->C04A -->S04A

CD EP
-->C05A -->S05A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 103A

Source Name: NO. 3 DEHYDRATION KILN

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2
GROUP 3

FML

FM002-->

FML

Proc CD EP
FM003-->103A -->C04A -->S04A

CD EP
-->C05A -->S05A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 109

Source Name: OXIDATION KILN #1

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML

FM002-->

FML

Proc EP

FM004-->109 -->S39

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 110

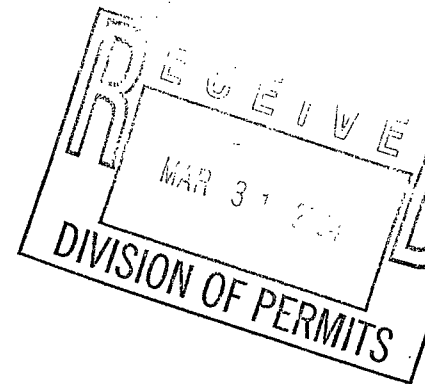
Source Name: OXIDATION KILN #2

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML
FM002-->

FML Proc EP
FM004-->110 -->S40



I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 111

Source Name: OXIDATION KILN #3

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML

FM002-->

FML

Proc EP

FM004-->111 -->S41

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 112

Source Name: OXIDATION KILN #4

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML

FM002-->

FML | Proc EP

FM004-->112 -->S42

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 113

Source Name: OXIDATION KILN #5

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML

FM002-->

FML | Proc EP

FM004-->113 -->S43

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 114
Source Name: OXIDATION KILN #6

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML
FM002-->

FML | Proc EP
FM004-->114 -->S44

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 115

Source Name: OXIDATION KILN #7

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML
FM002-->

FML | Proc EP
FM004-->115 -->S45

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 151

Source Name: BLENDING & BG MILL SYSTEM

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
151	-->C14	-->S13

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 152
Source Name: GRANULAR SYSTEM

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
152	-->C16	-->S15

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 153
Source Name: IMP MILL NO. 4

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc CD EP
153 -->C17 -->S16

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 159

Source Name: NATURAL ORE AREA (CRUSHER)

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
159	-->C27	-->S26

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#001 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Control Device C27 shall be equipped with a device for monitoring the pressure differential acrosss the fabric collector.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device C27 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source or its associated air pollution

control device.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 160

Source Name: NATURAL ORE AREA (JET MILL)

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML	Proc	CD	EP
FM002-->160	-->C28	-->S28	
			EP
			-->S27

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#001 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Control Device C29 shall be equipped with a device for monitoring the pressure differential across the fabric collector.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Devices C28 and C29 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source or its associated air pollution control devices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 186

Source Name: BOMF DRY MATERIAL PROCESSING AREA

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
186	-->C186A-->	S186A
	CD	EP
	-->C186B-->	S186B

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 199

Source Name: BLENDING SYSTEM (LOWER PLANT)

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
199	-->C199	-->S199

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 200

Source Name: BOMF APRON DRYER

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML Proc EP
FM004-->200 -->S200

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 203
Source Name: STEAM DRYER

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc EP
203 -->S203

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 210

Source Name: APRON DRYER (FINISHING MILL)

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML Proc EP
FM004-->210 -->S210

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

*** **PERMIT SHIELD IN EFFECT.** ***

Source ID: 251

Source Name: CONTACT ACID PLANT

SOURCE CAPACITY:

Proc	CD	CD	EP
251	-->C06	-->C07	-->S06

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §129.12]

Sulfuric acid plants

No person may permit the emission into the outdoor atmosphere, at any time, from any sulfuric acid production plant or facility, of:

- (a) Sulfur oxides, expressed as SO₂ in excess of the rate of 6.5 pounds per ton of acid produced; and
- (b) Sulfuric acid mist in excess of the rate of 0.5 pound per ton of acid produced, the production being expressed as 100% H₂ SO₄.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

A scrubber and mesh pads shall be used to control H₂SO₄ and SO₂ emissions from this source at all times that it is in operation.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 252

Source Name: ACID PLANT PREHEATER

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML Proc EP
FM004-->252 -->S174

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

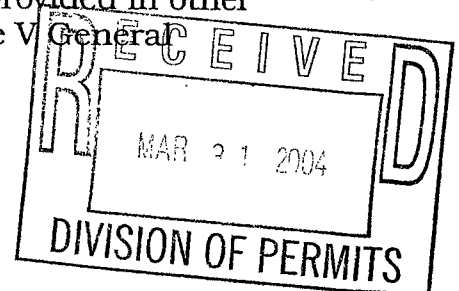
No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).



VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 301

Source Name: NO. 11 NEUTRALIZING TANK

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 4
GROUP 2

Proc	CD	EP
301	-->C38	-->Z03

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 302

Source Name: NO. 12 NEUTRALIZING TANK

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 4
GROUP 2

Proc	CD	EP
302	-->C38	-->Z03

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 303

Source Name: NO. 13 NEUTRALIZING TANK

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 4
GROUP 2

Proc	CD	EP
303	-->C38	-->Z03

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 351A

Source Name: COPPERAS ROTARY DRYER

SOURCE CAPACITY: -

This source occurs in the following groups: GROUP 2

FML

FM001-->

FML

FM003-->

FML

FM004-->

FML

FM002-->Proc CD CD EP
351A -->C353 -->C04A -->S04A

CD EP
-->C05A -->S05A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 352

Source Name: APRON DRYER #2

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML Proc EP
FM004-->352 -->S178

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 401

Source Name: WG CONVEYING SYSTEM

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc.	CD	EP
401	-->C08	-->S07

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 402

Source Name: DEHYDRATION AREA SHAKER SCREEN

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
402	-->C402	-->S402

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#001 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Control Device C172 shall be equipped with a device for monitoring the pressure differential across the collector.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device C04A & C05A in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source or its associated air

pollution control devices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 403

Source Name: CHARGE FLOOR OPERATIONS

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
403	-->C172	-->S172

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#001 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Control Device C172 shall be equipped with a device for monitoring the pressure differential across the collector.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The operation of this source may not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in Section C, Condition #004 or particulate matter in excess of the limitations specified in Section E, Group 2, Condition #001, both of

which are derived from Sections of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection, or the emission of either of these or any other type of air contaminant in excess of the limitations specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device C172 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source or its associated air pollution control device.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 404

Source Name: SODA ASH STORAGE BIN

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 5

Proc	CD	EP
404	-->C191	-->S191

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The emission of Particulate Matter (expressed as TSP) from this source may not exceed 0.01 Tons per Year of Total Suspended Particulate.

Operating Schedule Restriction(s).

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The operating schedule of this source may not exceed 125 hours per year.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep on hand a sufficient quantity of spare fabric collector bags for Control Device C191 in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of this source or its associated air pollution control device.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 405

Source Name: EMERGENCY GENERATOR

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 3
GROUP 2

FML Proc EP
FM006-->405 -->S192

I. RESTRICTIONS.

Operating Schedule Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority for this condition is also derived from 25 Pa. Code, Section 129.93]

The Operating schedule of this source may not exceed 500 hours per year.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor and record the hours of operation of this source on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 406

Source Name: UPS GENERATOR

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML Proc EP
FM006-->406 -->S406

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 407

Source Name: SPACE HEATERS

SOURCE CAPACITY:

This source occurs in the following groups: GROUP 2

FML

FM004-->

FML

Proc EP

FM002-->407 -->S407

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Group Name: GROUP 1

Sources included in this group:

ID	Name
033	CLEAVER BROOKS BOILER
034	BABCOCK & WILCOX BOILER

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.11]

Combustion units

The concentration of particulate matter (expressed as TSP) in the emissions from each boiler may not exceed 0.4000 Pounds per Million BTU of Total Suspended Particulate.

#002 [25 Pa. Code §123.22]

Combustion units

The concentration of sulfur oxides (expressed as SO₂) in the emissions from each boiler may not exceed 3.0000 Pounds per Million BTU of Sulfur Dioxide over any 1-hour period.

Fuel Restriction(s).

#003 [25 Pa. Code §123.22]

Combustion units

The percent (%) sulfur content of the #4 fuel oil fired from FML003 may not exceed 2.0% sulfur by weight.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The percent (%) sulfur content of the fuels fired by these sources are limited to the following:

- (a) The #6 fuel oil fired from FML001 may not exceed 1.0% sulfur by weight.
- (b) The #2 fuel oil fired from FML002 may not exceed 0.2% sulfur by weight.

II. TESTING REQUIREMENTS.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

To demonstrate compliance with Source Group Level Condition #003, the permittee shall comply with the following requirements:

(a) On a quarterly basis, perform an analysis of a shipment of No. 2 & No. 6 Fuel Oil delivered to the facility. A representative sample shall be obtained and tested. The fuel characteristics to be determined shall include, but not be limited to, the following:

- (1) The heating value (in Btu/Lb);
- (2) The percent (%) sulfur content, by weight; and
- (3) The percent (%) ash content, by weight.

All testing must be done in accordance with the reference test methods specified in 25 Pa. Code, Chapter 139.

(b) If the supplier of the oil can provide certification of the values of the fuel characteristics mentioned in section (a) (specific to each shipment of No. 2 & No. 6 Fuel Oil delivered to the facility), the permittee may substitute such certification (signed by a responsible official) for the analysis of a representative sample.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record the results of each completed fuel oil analysis or fuel characteristic certification. These records, and the quantity of oil consumed by the boilers, shall be used in the calculation of sulfur emissions from the facility.

V. REPORTING REQUIREMENTS.

#007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall, on a semi-annual basis, compile a report of the results of all fuel analyses (if any) and fuel characteristic certifications for Fuel Oil delivered to the facility during the previous 6 months, to be submitted to the Department within thirty (30) days of the close of each semi-annual period.

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: GROUP 2

Sources included in this group:

ID	Name
101A	NO. 1 DEHYDRATION KILN
102A	NO. 2 DEHYDRATION KILN
103A	NO. 3 DEHYDRATION KILN
109	OXIDATION KILN #1
110	OXIDATION KILN #2
111	OXIDATION KILN #3
112	OXIDATION KILN #4
113	OXIDATION KILN #5
114	OXIDATION KILN #6
115	OXIDATION KILN #7
160	NATURAL ORE AREA (JET MILL)
200	BOMF APRON DRYER
210	APRON DRYER (FINISHING MILL)
252	ACID PLANT PREHEATER
301	NO. 11 NEUTRALIZING TANK
302	NO. 12 NEUTRALIZING TANK
303	NO. 13 NEUTRALIZING TANK
351A	COPPERAS ROTARY DRYER
352	APRON DRYER #2
405	EMERGENCY GENERATOR
406	UPS GENERATOR
407	SPACE HEATERS

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter (expressed as TSP) in the emissions from each source may not exceed 0.0400 Grains per Dry Standard Cubic Foot of Total Suspended Particulate.

#002 [25 Pa. Code §123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides from these sources in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas of any source exceeds 500 parts per million, by volume, dry basis over any 1-hour period.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: GROUP 3

Sources included in this group:

ID	Name
033	CLEAVER BROOKS BOILER
034	BABCOCK & WILCOX BOILER
101A	NO. 1 DEHYDRATION KILN
102A	NO. 2 DEHYDRATION KILN
103A	NO. 3 DEHYDRATION KILN
160	NATURAL ORE AREA (JET MILL)
200	BOMF APRON DRYER
252	ACID PLANT PREHEATER
352	APRON DRYER #2
405	EMERGENCY GENERATOR

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

[Authority for this condition is also derived from 25 Pa. Code, Section 129.95]

(a) The owner and operator of a major NO_x emitting facility or a major VOCs emitting facility shall keep records to demonstrate compliance with 25 Pa. Code, Sections 129.91--129.94.

(b) The records shall provide sufficient data and calculations to clearly demonstrate that the requirements of 25 Pa. Code, Sections 129.91--129.94 are satisfied.

(c) Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging

period of the requirement.

(d) The records shall be retained for at least 2 years and shall be made available to the Department on request.

(e) An owner or operator claiming that a facility is exempt from the RACT requirements of 25 Pa. Code, Sections 129.91--129.94, based on the facility's potential to emit, shall maintain records that clearly demonstrate to the Department that the facility or source is not subject to 25 Pa. Code, Sections 129.91--129.94.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority for this condition is also derived from 25 Pa. Code, Section 129.93]

These sources shall be operated and maintained according to the manufacturer's specifications, and in accordance with good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: GROUP 4

Sources included in this group:

ID	Name
301	NO. 11 NEUTRALIZING TANK
302	NO. 12 NEUTRALIZING TANK
303	NO. 13 NEUTRALIZING TANK

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Authority for this condition is also derived from 25 Pa. Code, Section 123.31(a)(2)]

Propane gas fired torches shall be employed as malodor control devices on these sources. The permittee shall maintain one torch per Neutralizing Tank. At least two of the three torches shall be in use when any of these sources is in operation.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: GROUP 5

Sources included in this group:

ID	Name
151	BLENDING & BG MILL SYSTEM
152	GRANULAR SYSTEM
153	IMP MILL NO. 4
159	NATURAL ORE AREA (CRUSHER)
186	BOMF DRY MATERIAL PROCESSING AREA
199	BLENDING SYSTEM (LOWER PLANT)
203	STEAM DRYER
401	WG CONVEYING SYSTEM
402	DEHYDRATION AREA SHAKER SCREEN
403	CHARGE FLOOR OPERATIONS
404	SODA ASH STORAGE BIN

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

The concentration of particulate matter (expressed as TSP) in the emissions from each source may not exceed 0.0400 Grains per Dry Standard Cubic Foot of Total Suspended Particulate.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

No Alternative Operations exist for this Title V Facility

No Emission Trading Groups exist for this Title V Facility.

SECTION H.
Emission Restriction Summary**12/21/00 PAGE 117**
48-00018

DEP ID	Source Description	Emission Limit	Pollutant
033	CLEAVER BROOKS	.400 Lbs/MMBTU 3.000 Lbs/MMBTU over any 1-hour period	P000 SO2
034	BABCOCK & WILCO	.400 Lbs/MMBTU 3.000 Lbs/MMBTU over any 1-hour period	P000 SO2
037	SUPERIOR BOILER	4.000 Lbs/MMBTU over any 1-hour period	SO2
101A	NO. 1 DEHYDRATI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
102A	NO. 2 DEHYDRATI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
103A	NO. 3 DEHYDRATI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
109	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
110	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
111	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
112	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
113	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
114	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
115	OXIDATION KILN	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 SO2
151	BLENDING & BG M	.040 gr/DRY FT3	P000
152	GRANULAR SYSTEM	.040 gr/DRY FT3	P000
153	IMP MILL NO. 4	.040 gr/DRY FT3	P000
159	NATURAL ORE ARE	.040 gr/DRY FT3	P000

**SECTION H.
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DEP ID	Source Description	Emission Limit	Pollutant
DEP ID	Source Description	Emission Limit	Pollutant
160	NATURAL ORE ARE	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
186	BOMF DRY MATERI	.040 gr/DRY FT3	P000
199	BLENDING SYSTEM	.040 gr/DRY FT3	P000
200	BOMF APRON DRYE	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
203	STEAM DRYER	.040 gr/DRY FT3	P000
210	APRON DRYER (FI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
252	ACID PLANT PREH	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
301	NO. 11 NEUTRALI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
302	NO. 12 NEUTRALI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
303	NO. 13 NEUTRALI	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
351A	COPPERAS ROTARY	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
352	APRON DRYER #2	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02
401	WG CONVEYING SY	.040 gr/DRY FT3	P000
402	DEHYDRATION ARE	.040 gr/DRY FT3	P000
403	CHARGE FLOOR OP	.040 gr/DRY FT3	P000
404	SODA ASH STORAG	.040 gr/DRY FT3 .010 Tons/Yr 12-month rolling summation	P000 P000
405	EMERGENCY GENER	.040 gr/DRY FT3 500.000 PPMV over any 1-hour period	P000 S02

406 UPS GENERATOR

.040 gr/DRY FT3

P000

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Emission Restriction Summary

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DEP ID	Source Description	Emission Limit	Pollutant
DEP ID	Source Description	Emission Limit	Pollutant
		500.000 PPMV over any 1-hour period	S02
407	SPACE HEATERS	.040 gr/DRY FT3	P000
		500.000 PPMV over any 1-hour period	S02

No Miscellaneous text applies.

AIR QUALITY	MAR 23 2004	FACILITY:	PERMIT:	FILE #:
COUNTY:				