



- (3) This Operating Permit incorporates Reasonably Available Control Technology (RACT) determinations for Nitrogen Oxides (NOx) as required by Title I provisions of the CAAA, and 25 PA Code Section 129.91 through 129.95 for the sources listed in the following table. This Operating Permit supersedes the Operating Permits issued for the sources which are listed in the table. The terms and conditions of the Operating Permits found in the table are included in this Operating Permit.

<u>SOURCE</u>	<u>RATED HEAT INPUT (MMBtu/hr)</u>	<u>PERMIT NUMBER</u>
Babcock and Wilcox Boiler	36.4	48-302-046
No. 2 York Shipley Boiler	8.2	48-302-046
Emergency Generator	4.7	48-302-082
Copperas Rotary Dryer	1.92	48-313-001
Dehydration Kilns #1, #2	3.45 per Kiln	48-313-001
Dehydration Kiln #3	5.0	48-313-001
Sulfuric Acid Plant Preheater	1.92	48-313-003
Two (2) Propane Torches	1.6 per Torch	48-313-036A
BOMF Apron Dryer	4.0	48-313-053
No. 2 Apron Dryer	6.0	48-313-053

Permit No. 48-302-046

The No.2 York-Shipley Boiler located in the New M.O. Plant and the Babcock/Wilcox Boiler located in the Pigments Boiler House, shall have a maximum sulfur content of 1.0% when firing No.6 fuel oil and 0.2% when firing No.2 fuel oil.

Permit No. 48-313-001

This permit covers the following sources and air cleaning devices:

- 1) Three (3) Dehydrating Kilns - manufactured by McDermott Brothers Company.
- 2) One (1) Copperas Rotary Dryer - manufactured by Jefferson Boat and Machine Company.
- 3) Two (2) Electrostatic Precipitators - manufactured by Buell Division of EnviroTech, Model No. BA 1.1 x 20 F 22-11P Modular ESP.

Permit No. 48-313-036A

1) This permit covers the following sources:

- a) No.11 neutralizing tank
- b) No.12 neutralizing tank
- c) No.13 neutralizing tank

2) This permit cover the following air cleaning devices:

a) No. 13 neutralizing tank ignition burner; Hauck

(4) The following sources are regulated under Presumptive RACT Regulation 129.93:

- (a) The Cleaver Brooks boiler shall have a rated heat input equal to or greater than 20 million Btu per hour and less than 50 million Btu per hour. This source shall be operated and maintained in accordance with good air pollution control practices.
- (b) The Babcock & Wilcox boiler shall have a rated heat input equal to or greater than 20 million Btu per hour and less than 50 million Btu per hour. This source shall be operated and maintained in accordance with good air pollution control practices.
- (c) The Emergency Generator shall be limited to 500 hours of operation in a consecutive 12 month period. This source shall be operated and maintained in accordance with good air pollution control practices.
- (d) The following sources shall have a rated heat input of less than 20 million Btu per hour. These sources shall be operated and maintained in accordance with good air pollution control practices. The facility must maintain a list of all boilers and combustion sources with an individual rated gross heat input of less than 20 million Btus per hour. The facility must follow the manufacturer's specifications for the installation, maintenance and operation of each of these sources.

SOURCE	PREVIOUS PERMIT NO.	HEAT INPUT (MMBtu/hr)
#2 York Shipley Boiler; Model SPHY-200-NG173733	48-302-046	8.2
Propane Torches	48-313-036A	1.6 per torch
Copperas Rotary Dryer	48-313-001	1.92
Dehydration Kilns 1,2,3	48-313-001	#1 - 3.45 #2 - 3.45 #3 - 5.00
Contact Sulfuric Acid Plant Preheater	48-313-003	1.92
#2 Apron Dryer - Eclipse Burners - 360TAH, 160 AH, 40 AH	48-313-053	6.0
Fluid Energy Mill (Jet Mill)	48-313-031A	1.26
BOMF Apron Dryer	48-313-053	4.0

(6) Recordkeeping and reporting requirements are as follows:

The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit, 25 PA. Code Section 129.95, such that records provide sufficient data and calculations to clearly demonstrate that the requirements of 25 PA. Code Sections 129.91-4 are met. The file shall include, but limited to: all air pollution control systems performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this Operating Permit. All measurements, records and other data required to be maintained by the company shall be retained for at least two years following the date on which such measurements, records or data are recorded.

(7) If requested by the Department, the company shall perform a stack test in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection within the time specified by the Department.