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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

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DEP AIR QUALITY
DIV OF PERMITS

OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.	<u>54-0024</u>	Source &	<u>Two (2) natural gas/#6 oil fired</u>
Owner	<u>The Miller Group</u>	Air	<u>Steam Heating Boilers and</u>
Address	<u>Pottsville Bleach & Dye</u>	Cleaning	<u>twenty-four (24) small</u>
	<u>P. O. Box 348</u>	Device	<u>combustion sources.</u>
	<u>Schuylkill Haven, PA 17972</u>	Location	<u>None</u>
Attention:	<u>Mr. Randy Lindenmuth</u>		<u>Port Carbon Borough</u>
			<u>Schuylkill</u>

This permit is subject to the following conditions:

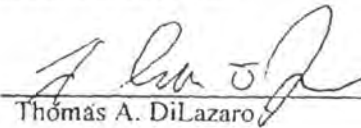
1. That the source and any associated air cleaning devices are to be:
 - A. operated in such a manner as not to cause air pollution;
 - B. in compliance with the specifications and conditions of the plan approval issued under the same number;
 - C. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

(SEE ATTACHED)

Failure to comply with the conditions placed on this permit is in violation of Section 127.444. Violation of this or any other provisions of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued

FEB 1 1999



Thomas A. DiLazaro
Program Manager
Air Quality Program

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- (5) This Operating Permit includes Reasonable Available Control Technology (RACT) determinations for the following sources as required by Title I of the CAAA:

SOURCES FOR NOx:

- (a) One (1) Cleaver Brooks steam heating boiler, with a rated heat capacity of 26.8 MMBtu per hour, fired by natural gas/#6 fuel oil.
 - (b) One (1) Johnston steam heating boiler, with a rated heat capacity of 41.9 MMBtu per hour, fired by natural gas/#6 fuel oil
 - (c) One (1) Santex textile dryer, with a rated heat capacity of 4.9 MMBtu per hour, fired by natural gas.
 - (d) Two (2) Fab Con textile dryers, each with a rated heat capacity of 6.0 MMBtu per hour, fired by natural gas.
 - (e) One (1) Environmental Products air make-up unit, with a rated heat capacity of 1.8 MMBtu per hour, fired by natural gas.
 - (f) One (1) Rupp air make-up unit, with a rated heat capacity of 1.6 MMBtu per hour, fired by natural gas/#6 fuel oil.
 - (g) Nineteen (19) Reznor unit heaters divided about the entire facility: they have a combined rated heat capacity of 0.1 MMBtu per hour.
- (6) Sources (a) and (b) shall comply with presumptive RACT, as required by 25 Pa. Code, Chapter 129. §129.93(b)(2)-(5):
- (a) For a combustion unit with a rated heat input equal to or greater than 20 million Btu/hour and less than 50 million Btu/hour presumptive RACT shall be the performance of an annual adjustment or tuneup on the combustion process. This adjustment shall include, at a minimum, the following:
 - 1. Inspection, adjustment, cleaning or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
 - 2. Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NOx.
 - 3. Inspection of the air-to-fuel ration control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.

- (b) For combustion units subject to RACT Operating Permit Condition (4), Paragraph (a), the owner and operator of the adjusted equipment shall record each adjustment conducted under the procedures of Operation Permit Condition (4), Paragraph (a) in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following:
 - 1. The date of the tuning procedure.
 - 2. The name of the service company and technicians.
 - 3. The final operating rate or load.
 - 4. The final NOx emission rates.
 - 5. The final excess oxygen rate.
 - 6. Other information required by the applicable operating permit.
 - (c) For oil, gas and combination oil/gas units subject to RACT Operating Permit Condition (4), Paragraph (a), the owner and operator shall maintain records including a certification from the fuel supplier of the type of fuel and for each shipment of residual oils. minimum recordkeeping requirements include a certification from the fuel supplier of the nitrogen content of the fuel, and identification of the sampling method and sampling protocol.
 - (d) For oil, gas and combination oil/gas units subject to RACT Operating Permit Condition (4), Paragraph (a), the owner and operator shall make the annual adjustment in accordance with the EPA document "Combustion Efficiency Optimization Manual for Operators of Oil and Gas-Fired Boilers," September 1983 (EPA-340/1-83-023) or equivalent procedures approved in writing by the Department.
- (7) Sources (c) through (g) shall comply with presumptive RACT, as required by 25 Pa. Code, Chapter 129. §129.93(c)(1):
- (a) Presumptive RACT emission limitations for these sources are installation, operation and maintenance in accordance with manufacturer's specifications and good air pollution control practices.
- (8) Recordkeeping and reporting requirements are as follows:
- (a) 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 PA Code Sections 129.91-4 are met. The file shall include, but not be 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.

