

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 AIR QUALITY PROGRAM

RACT
 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>39-0011B</u>	Source &	<u>See Attached</u>
Owner	<u>Lafarge Corporation</u>	Air	<u></u>
Address	<u>5160 Main Street</u>	Cleaning	<u>Fabric Collectors</u>
	<u>Whitehall, Pa 18052</u>	Device	<u></u>
Attention:	<u>Mr. Terry Denglar, Manager</u>	Location	<u>Whitehall Plant</u>
	<u>Communications & Environment</u>		<u>Whitehall Township</u>
			<u>Lehigh County</u>

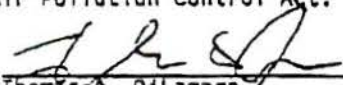
This permit is subject to the following conditions:

- (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 provision 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 MAY 19 1997


 Thomas A. DiLazaro
 Program Manager
 Air Quality Program

- (5) This Operating Permit is issued for Raw Mills No. 1 and No. 2, Three (3) Generators, One (1) York Shipley 125 HP Boiler, and Cement Kilns No. 2 & 3.
- (9) NOx RACT for the Two (2) Raw Mills and one (1) York Shipley Boiler shall be the installation, maintenance and operation of the sources according to manufactures specifications in accordance with presumptive RACT emission limitations as found in 25 Pa. Code Chapter 129.93(c)(1).
- (13) The boiler cannot exceed the following firing rates:
 (a) 37.5 gallons/hour of No. 2 oil. (b) 35.5 gallons/hour of No. 5 oil.
- (17) The company shall record the amount of oil fired in the boiler on an hourly and yearly basis. This information shall be submitted to the Bethlehem District Office by March 31 of the following year.
- (18) The operation of cement kilns No. 2 and No. 3, when not fired by TDF, shall never result in the emission of the following contaminants at rates exceeding the limits identified in pounds per hour.

POLLUTANT	KILN NO. 2 (lbs/hr)	KILN NO. 3 (lbs/hr)
NOx (30-day rolling avg.)	297.7	202.3

- (19) The operation of cement kilns No. 2 and No. 3, when fired by TDF, shall never result in the emission of the following contaminants at rates exceeding the limits identified in pounds per hour.

POLLUTANT	KILN NO. 2 (lbs/hr)	KILN NO. 3 (lbs/hr)
NOx (30-day rolling avg.)	260.5	166.0

- (20) Continuous monitoring requirements for kiln No. 2 are as follows:

- (a) The permittee shall operate and maintain the nitrogen oxides continuous emission monitor No. 0689410 in conformance with 40 CFR Part 60, 25 Pa. Code Chapter 139 and the Department's latest Continuous Source Monitoring Manual (CEM Manual).
- (b) Monitoring and recording of exhaust gas flow rate shall be conducted in accordance with the applicants procedure submitted to and approved by the Department.

- (21) Continuous monitoring requirements for kiln No. 3 are as Follows:

- (a) The permittee shall operate and maintain the nitrogen oxides continuous emission monitor No. 0089310 in conformance with 40 CFR Part 60, 25 Pa. Code Chapter 139 and the Department's latest, Continuous Source Monitoring Manual (CEM Manual).

- (b) Monitoring and recording of exhaust gas flow rate shall be conducted in accordance with the applicants procedure submitted to and approved by the Department.
- (22) The continuous emission monitoring systems required in Conditions 20 and 21 must be operated and maintained in accordance with the quality assurance, recordkeeping and reporting requirements of 25 Pa. Code Chapter 139 of the CEM Manual.
- (23) The company shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Chapter 129.95 and as follows:
 - (a) The permittee 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. This file shall include, but not be limited to: all air pollution control system 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 permittee shall be retained for at least two (2) years following the date on which such measurements, records or other data are recorded.
 - (b) All CEM reports shall be submitted to the Department within thirty (30) days after each quarter but no later than the time frame established in the Department's latest Continuous Source Monitoring Manual. The Department reserves the right to require the report submissions in floppy disks with a format acceptable to the Department.
- (24) The permittee shall provide the Department with access to all continuous emission monitor information via telephone dial-up (modem). It will be the permittee's responsibility to provide all hardware, software, and funds required to this access at the permittee's location. The Department shall specify the acquisition configuration.
- (29) Each generator shall be set and maintained at 7.5° restarted relative to standard timing.
- (30) The company shall keep a record of fuel usage and operating hours for each generator. These records shall be maintained for at least 2 years and be made available to the Department upon request.
- (31) The generators shall be maintained and operated in accordance with the manufacturers' specifications.

