

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR QUALITY

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(s) described below.

Permit No.:	<u>OP-14-0002</u>	Source &	<u>2 rotary lime kilns (#4 and #5), a</u>
Owner:	<u>Bellefonte Lime Company</u>	Air	<u>stone dryer, 6 space heaters</u>
		Cleaning	<u>and 1 waste oil heater</u>
Address:	<u>PO Box 448</u>	Device:	<u></u>
	<u>Bellefonte, PA 16823</u>		
Attn:	<u>Norman A. Aggon,</u>	Location:	<u>Bellefonte Plant</u>
	<u>Vice President of Operations</u>		<u>Spring Township, Centre Co.</u>

This permit is subject to the following conditions:

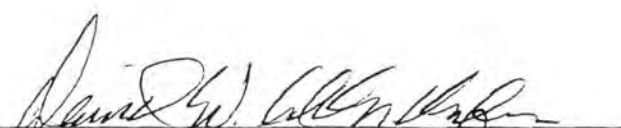
1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) issued;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

See attached for additional conditions.

Failure to comply with the conditions placed on this permit is a 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: **OCT 19 1998**

Expires:


David W. Aldenderfer
Environmental Program Manager

:: Harrisburg
File
Hawk Run

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COMPANY: Bellefonte Lime Company

3. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by Title I provisions of the Clean Air Act Amendments and 25 Pa. Code Sections 129.91 through 129.95 for the following:
 - a) #4 Traylor bituminous coal/petroleum coke-fired rotary lime kiln, the air contaminant emissions from which are controlled by a spray tower scrubber.
 - b) #5 Kennedy Van Saun bituminous coal/petroleum coke-fired rotary lime kiln, the air contaminant emissions from which are controlled by a Chemico S-F venturi scrubber and associated cyclonic separator.
 - c) natural gas-fired glass stone dryer, the air contaminant emissions from which are controlled by a Pangborn fabric collector.
 - d) .165 million BTU/hour natural gas-fired model F-165 space heater.
 - e) .10 million BTU/hour natural gas-fired model F-100 space heater (Elec. Shop).
 - f) two .30 million BTU/hour natural gas-fired F-300 space heaters (Welding Shop).
 - g) .125 million BTU/hour natural gas-fired model NUGG125EF03 space heater (Service Building).
 - h) .125 million BTU/hour natural gas-fired model NUGG125EF03 space heater (Carpenter Shop).
 - i) .50 million BTU/hour Shenandoah waste oil heater
4. The expiration date shown on this operating permit is for state purposes. For federal enforcement purposes the conditions of this operating permit which pertain to the implementation of the RACT regulations shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51 and approved by the U.S. Environmental Protection Agency (EPA).
5. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the nitrogen oxides emissions (NO_x , expressed as NO_2) from rotary lime kiln #4 shall not at any time exceed 4.20 pounds per ton of lime produced. The nitrogen oxides emissions from kiln #4 are, however, additionally restricted by the emission limitation specified in condition 7 herein which was established pursuant to requirements other than those contained in Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection.

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12. Within 90 days of the completion of any testing performed to satisfy the requirements of condition 9 herein, Bellefonte Lime Company shall submit 2 copies of a test report to the Department. This report shall contain the results of the testing (expressed as pounds of NO₂ per ton of lime produced and pounds of NO₂ per hour), a description of the testing and analytical procedures actually used in the performance of the testing, detailed records of the kiln production rates achieved during each individual test run, all other kiln and air pollution control equipment operating data collected during the testing, a copy of all raw data and a copy of all calculations generated during data analysis.
13. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the glass stone dryer, 6 space heaters and waste oil heater identified in condition 3 herein shall be maintained and operated in accordance with manufacturers specifications as well as good air pollution control practices.
14. Bellefonte Lime Company shall maintain records in accordance with the recordkeeping requirements of 25 Pa. Code Section 129.95 which, at a minimum, shall include:
 - The daily stone usage and lime production rates for each day of operation of each kiln (#4 and #5).
 - The daily bituminous coal and petroleum coke usage rates for each day of operation of each kiln (#4 and #5).

The company shall also maintain records of kiln temperatures and kiln exhaust gas oxygen levels for both kilns (#4 and #5).

All records maintained pursuant to this condition shall be retained for a period of at least 2 years and shall be made available to the Department upon request.