

Commonwealth of Pennsylvania  
Department of Environmental Resources  
Bureau of Air Quality Control

**RACT APPROVAL**

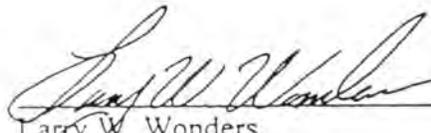
PERMIT NUMBER :OP 10-023

Owner:	Mercer Lime and Stone Company	Source &	#1 Rotary Kiln
Address:	560 Branchton Road	Air Cleaning	(Allis- Chalmers),
	Slippery Rock, Pa 16057	Device	Venturi Scrubber (American Air Filter), Multi-Clone (Fisher-Klosterman)
Attention:	Ed Solomon III President	Location:	4010 State Route Branchton Butler County

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P. L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on **MAY 31 1995** approved plans for achieving compliance by the above indicated air contamination source(s) with the requirements of 25 Pa Code Section 129.91 through 129.95.

The operating permit is subject to the following conditions:

1. The facility is to be operated in accordance with the plan submitted with the application (as approved herein).
2. The facility shall implement the RACT Plan no later than May 31, 1995.
3. See attached.

  
Larry W. Wonders  
Regional Air Quality Manager

3. NO<sub>x</sub> emissions from the Rotary Lime Kiln shall not exceed 2.80 lbs NO<sub>x</sub> per ton of lime produced.
4. The Rotary Lime Kiln shall maintain Low Excess Air operation, as defined in the RACT proposal, and shall install a continuous recorder to monitor oxygen concentration in the flue gas from the kiln. Records shall be maintained for a period of two years, and shall be made available to the Department upon request.
5. The Rotary Lime Kiln shall be stack tested for NO<sub>x</sub> emissions on an annual schedule (once per calendar year), commencing no later than May 31, 1995 -October 31, 1995. Stack testing shall be performed in accordance with 25 Pa Code Chapter 139 for testing NO<sub>x</sub> emissions from stationary sources. Stack testing will be performed at maximum operating conditions, and at fuel concentrations of 50% coke and 50% coal. If, after three (3) consecutive annual tests, emission data consistently shows compliance with NO<sub>x</sub> RACT emission limitations, the testing frequency may be altered as determined by the Department.
- ~~6. The Department reserves the right to revise NO<sub>x</sub> RACT emission limits based upon actual testing data.~~
7. At least thirty (30) days prior to stack testing, a pretest protocol shall be submitted to the Regional office. The protocol shall include sampling port locations, specification of test methods, procedures and equipment, and additional applicable information regarding planned test protocol.
8. At least two weeks prior to testing, the Regional office shall be informed of the date and time of testing.
9. Within sixty (60) days after testing, two copies of the complete test reports, including operational parameters, shall be submitted to the Regional office for approval.
10. Any information required to be submitted as part of the above conditions should be submitted to the attention of Mr. Devendra Verma, Engineering Services Chief, Air Quality Control, Northwest Regional Office, 1012 Water Street, Meadville, Pa 16335.
11. This RACT approval applies to the emission of NO<sub>x</sub> and VOC pollutants only. Emission of other pollutants shall be governed by the existing Plan Approvals, Operating Permits, and applicable Rules and Regulations of the Department. Such approval, permits, and requirements are incorporated herein by reference and made part of this permit.