

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

N-382
V-382

RACT APPROVAL

PERMIT NUMBER : OP 37-013

Owner:	Medusa Cement Company	Source &	Kiln No.'s 1,2 & 3
Address:	2001 Portland Park Wampum, Pa 16157	Air Cleaning Device	(Allis-Chalmers) Electrostatic Precipitators
Attention:	Ladd Parsons Vice President-Operations	Location:	Wampum Borough Lawrence 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 **JUL 27 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 RACT plan shall be implemented no later than May 31, 1995.
3. See Attached.

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EPA, REGION III


Larry W. Wonders
Regional Air Quality Manager

3. Continuous Emission Monitor systems shall be installed on each kiln in accordance with 25 Pa Code Chapter 139, and the latest version of the "Continuous Source Monitoring Manual". The facility shall install CEM systems in accordance with procedures and dates prescribed in the RACT proposal.
4. NO_x RACT emission limitations shall be developed upon completion of Department approved CEM implementation. NO_x RACT emission limits shall be based on a minimum of 30 days rolling average CEM data, and shall be developed in units designated as never to exceed NO_x emission limitations.
5. Upon installation of approved CEM and "Expert Systems", the facility shall develop acceptable ranges for excess oxygen introduced to the combustion zone of each kiln, combustion primary air control, and applicable NO_x control parameters. The parameters ranges shall be submitted to the Department and made part of the RACT operating permit.
6. Kiln No.1 NO_x emissions shall not exceed 5.11 lb/ton of product produced.
7. Kiln No.2 NO_x emissions shall not exceed 4.47 lb/ton of product produced.
8. Kiln No.3 NO_x emissions shall not exceed 5.77 lb/ton of product produced.
- ~~9. Based on NO_x CEM data, emission limits may be adjusted as determined by the Department.~~
10. Records of clinker produced in each kiln shall be maintained in accordance with 25 Pa Code Section 129.95, and shall be made available to the Department upon request.
11. 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.
12. This RACT approval applies to the emission of NO_x and VOC pollutants only. Emission of other pollutants shall be governed by the existing Plan Approvals, Operating Permits, and applicable requirements of the Rules and Regulations of the Department. Such approval, permits, and requirements are incorporated herein by reference and made part of this permit.