

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

RACT APPROVAL

PERMIT NUMBER :PA 42-009

Owner:	Pittsburgh Corning Corporation	Source &	See attached
Address:	P.O. Box 39	Air Cleaning	Page 4
	Port Allegany, Pa 16743	Device	
Attention:	Jack N. Holbrook	Location:	723 N Main Street
	Manager of Manufacturing		Port Allegany, McKean 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 the installation of the above indicated air contamination control device(s) and for achieving compliance with the requirements of 25 Pa Code Section 129.91 through 129.95.

The Plan Approval is subject to the following conditions:

1. The pollution control devices are to be installed in accordance with the plan submitted with the application (as approved herein).
2. If construction cannot be completed before the expiration date of this plan approval, then in order to continue construction an extension of the expiration date must be obtained. Requests for extensions must be postmarked at least thirty (30) days prior to the expiration date. The Department cannot issue an extension after the expiration date.
3. See attached.


Larry W. Wonders
Regional Air Quality Manager

3. This plan approval authorizes temporary operation of the source(s) covered by this plan approval providing the following conditions are met:
 - a) The Department must receive written notice from the owner/operator of the completion of construction and the operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice should state when construction will be completed and when operator expects to commence operation.
 - b) Operation is authorized only to facilitate the startup and shake down of sources and air cleaning devices, to permit operations pending the issuance of an operating permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
 - c) This condition authorizes temporary operation of the source(s) for a period of 180 days from the date of start up, provided the Department receives notice from the operator pursuant to subpart (a) above; and provided this plan approval does not expire prior to the end of the 180 day period.
4. The facility shall comply with 25 Pa Code Section 129.95 for Recordkeeping requirements.

7. This RACT approval applies to the emission of NOx 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.

Implementation Schedule

8. The installation of the VOC venting system of Glass Block Surface Coating Line #7, with all entailed equipment and ducting to Glass Melting Furnace #2, shall occur as defined in the Plan Approval application at a date not to exceed May 31, 1995.

9. The facility shall incorporate a 7.5% reduction in nitrogen containing raw material usage in Glass Melting Furnaces No.1 and No.2, as proposed, at a date not to exceed May 31, 1995.
10. The implementation schedule defined in conditions 8 & 9 may be extended beyond May 31, 1995, as defined in 25 Pa Code Section 129.91, only upon the execution and approval of a consent Decree between International Paper and the Department.

NOx RACT Source Conditions

11. The following sources shall comply with Presumptive RACT emission limits defined in 25 Pa Code Section 129.93(c)(1):
 - Glass Melting Furnace Distributors
 - Glass Melting Furnace Forehearths
 - Glass Block Annealing Lehrs
 - Cellulating Furnaces
 - Cellulating Glass Annealing Lehrs
12. NOx emissions from Glass Melting Furnaces No. 1 and No. 2 shall not exceed 13.5 lbs/ton of glass melted per furnace.
13. The facility shall incorporate the use of a minimum of 250 kilowatts per hour of electric boost to glass melting furnace No. 1 during melting operations.
14. The facility shall incorporate the use of a minimum of 667 kilowatts per hour of electric boost to glass melting furnace No. 2 during melting operations.
15. Pittsburgh Corning shall conduct annual stack testing on Glass Melting Furnaces No. 1 and No. 2 for NOx concentration to confirm compliance with NOx RACT emission limits. Stack testing shall be done in accordance with 25 Pa Code Chapter 139.
16. Performance tests shall consist of three (3) repetitions of the applicable test methods. For purpose of determining compliance with the NOx RACT emission limit, the average results of the repetitions shall apply.
17. If, after three (3) consecutive tests, compliance with the RACT emission limit is consistently shown, the testing frequency may be altered as determined by the Department.
18. The Department reserves the right to revise NOx RACT emission limits as determined in this Plan Approval based on stack testing data.

VOC RACT Source Conditions

17. Pittsburgh Corning shall maintain records of VOC containing material usage as defined in 25 Pa Code Section 129.95.

RACT Source Listing

NO_x Sources

- Glass Melting Furnace No. 1 (controlled by 7.5% nitrogen raw material reduction & electric boost)
- Glass Melting Furnace No. 2 (controlled by 7.5% nitrogen raw material reduction & electric boost)
- Glass Melting Furnace Distributors
- Glass Melting Furnace Forehearths
- Glass Block Annealing Lehrs
- Cellulating Furnaces
- Cellulating Glass Annealing Lehrs

VOC Sources

- Glass Block Coating Lines 1-3, 5,6
- Glass Block Coating Line 4 (Incineration in Glass Melting Furnace No. 1)
- Glass Block Coating Lines 7, 8 (Incineration in Glass Melting Furnace No. 2)
- Glass Block Clean-up Operation
- Solvent Degreasing Operation
- Gasoline Transfer Operation