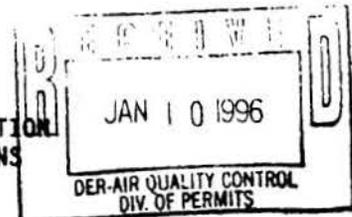


COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST REGION - FIELD OPERATIONS  
AIR QUALITY  
400 WATERFRONT DRIVE  
PITTSBURGH, PENNSYLVANIA 15222-4745



RACT PLAN APPROVAL

Permit No. :63-000-110	Source :Glassware Manufacturing
Owner :Corning Consumer Products Company	Air :Full Gas/Oxy
Address :HP-ME-01-025-B10 Corning, NY 14831	Cleaning: Devices :
Attention :Tracy Anderson Gwin Sr. Environmental Control Engineer	Plant :Charleroi Plant Location:Charleroi Borough County :Washington

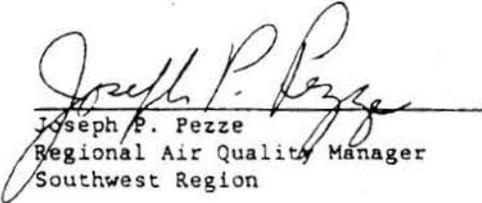
In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on January 4, 1996 approved plans for the above indicated air contamination source(s).

The plan approval is subject to the following conditions:

1. The air cleaning device is to be installed in accordance with the plans submitted with the application (as approved herein).
2. Upon completion of the construction of the above indicated air contamination source a operating permit must be obtained from the person noted below.
3. See attached.

Notify the person noted below when the installation is completed so that the source can be inspected for issuance of an OPERATING PERMIT.

NOTE: Barbara R. Hatch  
Engineering Services  
(412) 442-5226

  
Joseph P. Pezze  
Regional Air Quality Manager  
Southwest Region

- 3 This Plan Approval indicates Departmental approval of the Reasonably Available Control Technology (RACT) proposal submitted by Corning Consumer Products for the Corning facility located in Charleroi Borough, Washington County, PA. Glass melting Tank 11 shall be converted to gas/oxygen firing on all ports, and electric boost shall be increased to 30% on this source. ~~Since these changes exceed the RACT economic feasibility guidelines, Corning shall receive Emission Reduction Credits (see Condition 13).~~ RACT for glass melting Tank 6 shall be the continued operation of this source with gas/oxygen firing on all ports. RACT for the tunnel kiln, and the other 12 small sources at this site shall be the operation and maintenance of these sources in accordance with manufacturer's specifications and good air pollution control practices.
4. Emission limits for the sources at this facility are established as follows:

Emission Limitations (lb/hr/tons/year)

<u>Source</u>	<u>NO<sub>x</sub></u>	<u>CO</u>	<u>VOC</u>	<u>Particulate</u>	<u>Fluoride</u>
Tank 6	22.8/100	0.4/1.4	0.35/1.53	4.2/18.4	12.5/54.8
Tank 11	57.1/250	2.0/8.8	2.0/8.8	6.0/26.3	N/A
Tunnel Kiln	1.75/7.7	N/A	0.01/0.04	N/A	N/A
Other Sources	4.03/17.66	N/A	3.34/14.6	N/A	N/A

TBD = To be determined

Visible emissions from Corning's facility shall comply with Pa. Code, Title 25, Chapter 123.41.

- ~~5. Stack testing to determine the emission rates of NO<sub>x</sub> (as NO<sub>2</sub>), CO, VOC, Particulate and Fluoride (total soluble, as HF) shall be performed on the exhaust from melting Tanks 6 and 11 on or before February 28, 1996.~~
- ~~6. Visible emissions (VE) in units of percent opacity shall be observed and recorded every 15 seconds by a certified VE evaluator for the duration of the stack test.~~
- ~~7. Natural gas and oxygen consumption rates, electrical consumption rate, and tons of fill charged to Tanks 6 and 11 shall be recorded at least every 15 minutes during the stack test and reported along with the test results. The test shall be performed while the melting tanks are operating at the maximum rated production capacity stated in the RACT proposal and at the minimum electric boost rate at which Corning intends to operate.~~

8. Corning shall submit a pre-test protocol to the Department for approval at least 60 days prior to the performance of the stack tests.
9. Stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 regulations and the Department's Source Testing Manual.
10. Corning shall notify the Department at least two weeks in advance of the date and time of the stack test so that an observer may be present.
11. Two copies of the stack test results shall be supplied to the Department for review within 60 days of the stack test.
12. Corning shall comply with the recordkeeping requirements of Pa. Code Title 25, §129.95. At a minimum, daily records of natural gas, oxygen and electricity consumption, tons of fill charged to Tanks 6 and 11, and temperatures in Tanks 6 and 11 shall be taken. Records are to be stored on the site for at least 2 years, and are to be made available to the Department upon request.
- ~~13. A. Corning is granted 500 tons of NO<sub>x</sub> ERCs generated as a result of the conversion of glass melting Tank 11 to full gas/oxygen on all ports, and the increase of electric boost on tank 11 to 30%.~~
- ~~B. The ERCs generated in this approval shall expire if not consumed prior to May 31, 2005.~~
- ~~C. NO<sub>x</sub> emissions reduced below the 250 tons per year level which are achieved by optimizing the effectiveness of equipment installed pursuant to this Plan Approval are not surplus emission reductions, and, thus may not be used to generate additional ERCs. In order for the emission reductions to be creditable the emission reductions must satisfy the requirements of 25 Pa. Code Chapter 127, Subchapter E.~~
- ~~D. Corning and any subsequent user of these credits shall comply with the requirements of 25 Pa. Code §§127.206, 127.207 and 127.208.~~
14. This Plan Approval authorizes temporary operation of the source covered by this Plan Approval provided the following conditions are met.
  - A. The Department must receive written notice from the Owner/Operator of when the Operator expects to commence operation.
  - B. Operation is authorized only to facilitate the startup and shakedown of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source for compliance with all applicable regulations and requirements.

- C. This condition authorizes temporary operation of the source for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to Subpart (A), above.
- D. The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.
- E. The notice submitted by the Owner/Operator pursuant to Subpart (A), above, prior to the expiration of this Plan Approval, shall modify the Plan Approval expiration date. The new Plan Approval expiration date shall be 180 days from the date of the written notice.