



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.:	26-000-119.	Source	:Glass Container Manufacturing
Owner	:Anchor Glass Container Corporation	Air	:#1, #2 & #3 A/F Ratio Control
Address	:4343 Anchor Plaza Pkwy, 1 Anchor Plaza	Cleaning:	:#2 & #3 Combustion Staging
	Tampa, FL 33634	Devices	:
Attention	:Robert A. Metzger	Plant	:Plant 5
	Environmental Affairs Manager	Location:	:South Connellsville
		County	:Fayette

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 Protection, the Department on December 20, 1996 approved plans for the temporary operation and modification of 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 alterations approved herein an 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

  
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 Joseph P. Pezze  
 Regional Air Quality Manager  
 Southwest Region

3. This RACT Plan Approval indicates Departmental approval of the RACT Proposal submitted by Anchor Container Glass Corporation for the facility located in Connellsville, Fayette County, PA.
4. RACT for #1, #2 and #3 Furnaces shall be to reduce NOx emissions to 11.2, 11.2 and 12.75 lbs./ton glass (respectively) immediately upon receipt of this RACT Plan Approval. NOx emissions shall be reduced by adjustment of **Air-to-Fuel Ratio based** upon O2 measurements of furnace exhausts taken using a portable analyzer once per shift, per Anchor Reference Document 010-05-01.
5. RACT for the #1 and #2 Furnaces shall be to further reduce NOx emissions to 5.5 lbs. per ton of glass by June 2, 1997.
6. Anchor shall adhere to the schedule proposed in their letter of September 18, 1995 for the installation of Combustion Staging on Furnaces #1 and #2, as follows:
  - a) Order Combustion Staging equipment for Furnaces #1 and #2 by January 13, 1997. b) Start mobilizing contractor and subcontractors to site by April 14, 1997. c) Start construction of Combustion Staging on Furnaces #1 and #2 by April 21, 1997. d) Complete construction of Combustion Staging on Furnaces #1 and #2 by May 16, 1997. e) Start up Staging systems no later than June 2, 1997. f) Submit two copies of proposed stack test protocol to PADEP by July 12, 1997. g) Stack test by September 12, 1997. h) Submit two copies of stack test report to PADEP by November 12, 1997.

Anchor shall provide to the Department written notifications sufficient to document compliance with each of the indicated milestones.

7. RACT for Furnace #3 shall also include any NOx emission reductions accomplished through the energy efficient rebricking scheduled for February, 1997.
8. RACT for all sources at this facility shall include operation and maintenance in accordance with manufacturer's specifications and good air pollution control practices.
9. Stack testing to determine the emission rates of NOx (expressed as NO2), CO, and particulate shall be performed on Furnaces #1, #2 and #3 by September 12, 1997. Maximum allowable emission rates for the production rate during the stack test shall be established as a result of these stack tests.
  - a) Visible emissions (VE) in units of percent opacity shall be observed and recorded during the duration of the stack test.
  - b) Fuel consumption rate, electric boost, and tons glass produced from Furnaces #1, #2 and #3 shall be recorded during the stack test and reported along with the test results. The stack test shall be performed while the furnaces are operating at least 80% of the maximum capacity stated in the RACT Proposal, and at the lowest electric boost level at which Anchor intends to operate.
  - c) Anchor shall submit a pretest protocol to the Department for approval at least 60 days prior to the performance of the stack tests.
  - d) Stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 and the Department's Source Testing Manual.
  - e) The Department shall be notified at least two weeks in advance of the date of the stack test so that an observer may be present.
  - f) Two copies of the stack test results shall be supplied to the Department for review within 60 days of the stack test.