

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

**RACT APPROVAL**

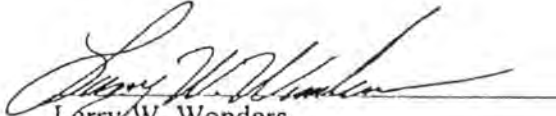
**PERMIT NUMBER : OP 62-032**

Owner:	National Forge Company	Source&	See attached
Address:	Irvine, Pennsylvania 16329 USA	Air Cleaning	page 3
		Device	
Attention:	R. D. Winter	Location:	Brokenstraw
	Manager - Facilities Engineering		Twp
			Warren Co.

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 by ~~May 31 1995~~
3. See attached.

  
Larry W. Wonders  
Regional Air Quality Manager

3. NOx emissions from the Babcock and Wilcox, and Union Iron boilers shall not exceed 65 tons per year.
4. NOx emissions from the following sources shall not exceed 34.9 tons per year:
  - (5) Forge Furnaces
  - (21) Heat Treat Furnaces
  - (9) Heat Treat Furnaces
5. The company shall show compliance with the 65 ton per year NOx RACT emission limit defined in condition 3 by maintaining records of fuel usage and operational efficiency reports. Records shall be maintained in accordance with 25 Pa Code Section 129.95, and shall be made available to the Department upon request.
6. The following sources shall comply with presumptive RACT emission limitations defined in 25 Pa Code Section 129.93(c)(1):
  - (5) Forge Furnaces
  - (21) Heat Treat Furnaces
  - (9) Heat Treat Furnaces

The sources shall be operated in a manner as not to cause air pollution.

7. The company shall show compliance with the 34.9 ton per year NOx RACT emission limitation defined in condition 4 and presumptive RACT limitations defined in condition 6 by maintaining operational efficiency reports, fuel usage records, and furnace certification records for all sources defined in condition 4. Records shall be maintained in accordance with 25 Pa Code Section 129.95, and shall be made available to the Department upon request.
8. 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.
9. 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.

## Source and RACT Control Device Listing

Company I.D. - Source	RACT Control Device
I.D. 031 Babcock & Wilcox Boiler	Operational controls, Switch to Natural Gas fuel 65 tpy (total with Union Iron Boiler) NOx RACT emission limit
I.D. 032 Union Iron Boiler	Operational controls 65 tpy (total with B & W Boiler) NOx RACT emission limit
I.D. 103 (5) Forge Furnaces	Presumptive RACT defined in 25 Pa Code Section 129.93(c)(1) 34.9 tpy (total with source I.D. 111 & 112) NOx RACT emission limit
I.D. 111 (21) Heat Treat Furnaces	Presumptive RACT defined in 25 Pa Code Section 129.93(c)(1) 34.9 tpy (total with source I.D. 103 & 112) NOx RACT emission limit
I.D. 112 (9) Heat Treat Furnaces	Presumptive RACT defined in 25 Pa Code Section 129.93(c)(1) 34.9 tpy (total with source I.D. 111 & 103) NOx RACT emission limit

