

Commonwealth of Pennsylvania
Department of Environmental Protection
Bureau of Air Quality

RACT APPROVAL

APPROVAL NUMBER : 43-017

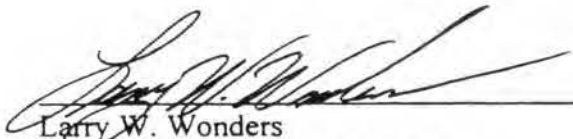
Owner:	Sharon Steel Corporation	Source&	See Page 3
Address:	P.O. Box 270 Farrell, PA 16121	Air Cleaning Device	
Attention:	Mr. Robert Trbovich Senior Vice President	Location:	Farrell Plant Mercer County

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 Protection, the Department on **NOV 03 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.

EPA REGION III


Larry W. Wonders
Regional Air Quality Manager

4. The following sources shall comply with the requirements of 25 Pa Code Section 129.93(c)(1).

Blast Furnace Operations - Flame Suppression, Heaters, Torpedo Cars, etc.
Basic Oxygen Furnace Shop - Scrap Preheating, Ladle Preheating, Heaters

5. The following sources shall be maintained and operated in accordance with manufacturer's specifications.

Blast Furnace Operations - Flare Stack, Tuyeres, Blast Furnace Stoves
Blast Furnace Casthouse
Basic Oxygen Furnace - Closed Hood Stack, Hot Metal Transfer, Charging,
Tapping, Teeming, Slag Tapping/Dumping
Chemical Usage Sources - Frosto/Methanol, Slurry Coat 85/Methanol

These sources shall also be operated and maintained in accordance with good air pollution control practices.

6. The NO_x emission factor for the blast furnace gas from the Flare Stack and the Blast Furnace Stoves shall not exceed 23 lb/MMft³, respectively.
7. The NO_x emission factor from the Basic Oxygen Furnace, Closed Hood Stack, shall not exceed 0.222 lbNO_x/ton processed, respectively.
8. The VOC emission factor for the Blast Furnace Casthouse shall not exceed 0.56 lbVOC/ton, respectively.
9. This RACT approval applies to the emission of NO_x and VOC pollutants only. ~~Emissions of other pollutants, including criteria pollutants, shall be governed by the existing Plan Approvals, Operating Permits, and applicable Rules and Regulations of the Department. Such approval, permits, and requirements are incorporated herein by reference and made part of this permit.~~

Sources

Blast Furnace Operations

- Flame Suppression, Heaters,
Torpedo Cars, etc.
- Flare Stack
- Tuyeres
- Blast Furnace Stoves

BOF Shop

- Scrap Preheating
- Ladle Preheating, Heaters, etc.

Blast Furnace Casthouse

Basic Oxygen Furnace

- Closed Hood Stack
- Hot Metal Transfer
- Charging
- Tapping
- Teeming
- Slag Tapping/Dumping

Chemical Usage Sources

- Frosto/Methanol
- Slurry Coat 85/Methanol



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