

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

MAY 24 2001

RACT OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the Rules and Regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination sources(s) described below.

Permit Number: 04-000-059

Owner: Koppel Steel Corporation
Koppel Plant

Address: P.O.Box 750
Beaver Falls, PA 15010

Attention: Joseph M. Frank
Environmental & Safety
Supervisor

Source: NOx Sources

Air:

Cleaning:

Devices:

Location: Koppel Boro

County: Beaver

This permit is subject to the following conditions:

1. That the source and any associated air cleaning devices are to be:
 - a. Operated in such a manner as not to cause air pollution.
 - b. In compliance with the specifications and conditions of the Plan Approval issued under the corresponding number.
 - c. Operated and maintained in a manner consistent with good operating and management practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. See attached.

Failure to comply with the conditions placed on this permit is a violation of Section 127.444. Violation of this or any other provision of Article III of the Rules and Regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Reissued: 3/23/01



Joseph P. Pezze
Regional Air Quality Manager

~~PERMIT TERM: 3/23/01 - 3/23/06~~

Koppel Steel Corporation
RACT Operating Permit #04-000-059

Special Conditions

3. This RACT approval and Operating Permit is for the operation of the sources of NOx at Koppel Steel's Facility as identified in the amended RACT proposal dated 04/20/00, located in Koppel, Pa.
4. In accordance with 25 Pa. Code §129.93(c)(1) and Koppel's RACT proposal the following sources shall be operated and maintained in accordance with the manufacturers specifications:
 - a. Test Forge Ovens
 - b. Tundish Dryers
 - c. Ladle Dryer
 - d. Torch Cutoffs
 - e. Tundish Nozzle Heaters
 - f. Tundish Heaters
 - g. Ladle Heaters
 - h. Miscellaneous Gas Consumption (Small heaters & Boilers)
 - i. Two Emergency Generators
 - j. Steelyard Billet Torches
 - k. Scrap Cutting
5. In accordance with 25 Pa. Code §129.93(d)(2) and Koppel's RACT proposal the following sources shall have an annual adjustment or tune up on the combustion process:
 - a. Austentizing Furnace
 - b. Temper Furnace
6. The rotary hearth furnace shall employ "low excess air" at approximately 10% to minimize Nox formation as described in Koppel's RACT proposal.
7. The owner/operator shall maintain the Honeywell System or equivalent to adequately monitor the percentage of excess air of the Rotary Hearth Reheat Furnace.
8. All sources and air cleaning devices shall be operated and maintained in accordance with good air pollution control practices.

9. Pursuant to 25 Pa. Code §129.95 the owner or operator shall keep records to demonstrate compliance with all requirements of the RACT Plan Approval herein. These records shall provide sufficient data to clearly demonstrate compliance and shall include at a minimum:
 - a. hours of operation
 - b. date and time of annual adjustment or tune-up as required under condition #5, above.

These records shall be maintained for up to 2 years and made available to the Department upon request.

