

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

RACT APPROVAL

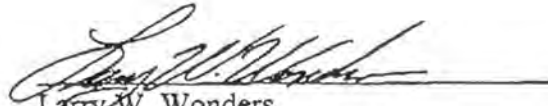
PERMIT NUMBER : OP 25-924

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|------------|---|--|
| Owner: | Erie Forge & Steel, Inc. 1341 West 16 th Street Erie, PA 16512 | Source & Air Cleaning Device: See Attached Page 3 |
| Attention: | Mr. Allen Concoby C.E.O. | Location: Erie Erie 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 Resources, the Department on **February 10, 2000** 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 Operating Permit upon receipt.
3. See attached.


Larry W. Wonders
Regional Air Quality Manager

4. The following sources shall comply with Presumptive RACT requirements defined in 25 Pa Code §129.93(b):

Source 103 Heat Treat Furnaces (heat treat area), Nos. 67, 68, 69, 70, 984
Source 103A Heat Treat Furnaces (forge area), Nos. 61, 956, 958
Source 104 Forge Furnaces Nos. 26, 27, 28, 37, 38, 39
Source 106 North American Boiler,

Presumptive RACT requirements defined in 25 PA Code § 129.93(b) are as follows:

- a) Presumptive RACT shall be the performance of an annual adjustment or tune-up on the combustion process. This adjustment shall include, at a minimum, the following:
- i) Inspection, adjustment, cleaning, or replacement of fuel-burning equipment, including the burners and moving parts necessary for proper operation as specified by the manufacturer.
 - ii) Inspection of the flame pattern or characteristics and adjustments necessary to minimize total emissions of NO_x,
 - iii) Inspection of the air-to-fuel ratio control system and adjustments necessary to ensure proper calibration and operation as specified by the manufacturer.
- b) The owner and operator of the adjusted equipment shall record each adjustment conducted under the defined presumptive RACT procedures in a permanently bound log book or other method approved by the Department. This log shall contain, at a minimum, the following information:
- i) The date of the tuning procedure.
 - ii) The name of the service company and technicians.
 - iii) The final operating rate or load.
 - iv) The final CO and NO_x emission rates.
 - v) The final excess oxygen rate.
 - vi) Other information required by the applicable operating permit.
5. The following sources shall comply with Presumptive RACT requirements defined in 25 Pa Code §129.93(c):

Source 102B Electric Arc Furnace Preheaters
Source 103 Heat Treat Furnaces (heat treat area), Nos. 961, 985/988, 986, 987, 80, 82, 92, 93
Source 103A Heat Treat Furnaces (forge area), Nos. 955
Source 107 Hood Furnaces
Source 109 Torch Cutting Operation

Presumptive RACT requirements defined in 25 PA Code § 129.93(c) are the installation, maintenance, and operation of the source in accordance with manufacturer's specifications.

6. Electric Arc Melting Furnaces #6 & #8, and Ladle Refining Furnace #7 shall be operated in accordance with the manufacturer's specifications and in accordance with good air pollution control practices.

OP: 25-924

3

Erie Forge & Steel Inc

7. Any information required to be submitted as part of the above conditions should be submitted to Mr. Devendra Verma, Engineering Services Chief, Air Quality Control, Northwest Regional Office, 230 Chestnut Street, Meadville, Pa 16335.
8. This RACT approval applies to the emission of NOx pollutants only. Emission of other 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.

| RACT NOx Source Listing |
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| Electric Arc Furnace Melt Shop System: #6, #8 Melting Furnaces & #7 Ladle Refining Furnace (3) Ladle Preheaters |
| (17) Heat Treat Furnaces |
| (6) Forge Furnaces |
| North American Boiler |
| Hood Furnace #56 |
| Torch Cutting Operation |
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