

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF AIR QUALITY CONTROL

Page 1 of 4

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 Resources, the Department hereby issues this permit for the operation of the air contamination source(s) described below.

Permit No.	<u>48-0015</u>	Source &	<u>Forging Production Facilities</u>
Owner	<u>BethForge, Inc.</u>	Air	<u>Fabric Collector</u>
Address	<u>1275 Daly Avenue</u>	Cleaning	<u></u>
	<u>Bethlehem, PA 18016</u>	Device	<u></u>
Attention:	<u>Mr. Jeffrey N. Hahn</u>	Location	<u>Bethlehem</u>
	<u>Sr. Energy Engineer</u>		<u>Northampton County</u>

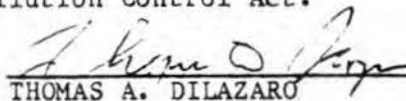
This permit is subject to the following conditions:

- 1) That the source(s) 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 same number;
  - (c) operated and maintained in a manner consistent with good operating and maintenance practices.
- (2) This permit is valid only for the specific equipment, location and owner named above.

(SEE ATTACHED)

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued DEC 20 1994  
F es February 28, 1999

  
THOMAS A. DILAZARO  
Regional Air Quality Program Manager

c    entral Office  
    Wilkes-Barre Regional Office  
    Bethlehem District Office

(3) This Operating Permit is issued for the following sources:

- (a) Electric Arc Steelmaking Furnaces (5)
- (b) No. 2 Press Forge Furnaces (21)
- (c) No. 3 Forge Furnaces (55)
- (d) No. 5 Treatment Furnaces (2)
- (e) No. 8 Treatment Furnaces (35)
- (f) No. 10 Treatment Furnaces (4)
- (g) Service and Heating Torches
- (h) In-Plant Painting
- (i) Compressed Air System

(4) This Operating Permit supersedes and consolidates Operating Permit Nos. 48-304-001B and 48-307-035.

(5) NO<sub>x</sub> RACT for the sources listed in Condition (3)(a) thru (3)(g) shall be the operation and maintenance of the sources according to the manufacturers specifications.

(6) VOC RACT for in-plant painting and the compressed air system shall be the operation and maintenance of the sources according to manufacturers specifications.

(7) The company shall maintain records in accordance with the recordkeeping requirements of 25 PA Code Section 129.95 and shall include as a minimum the following:

- (a) Fuel usage and operating hours for all fuel combustion sources (No. 2 Press Forge Furnaces, No. 3 Forge Furnaces, No. 5 Treatment furnaces, No. 8 Treatment furnaces and No. 10 Treatment furnaces) which demonstrates that the total NO<sub>x</sub> emission limit of 187 TPY is not exceeded.
- (b) Steel production and operating hours for the electric arc furnaces which demonstrates that the total NO<sub>x</sub> emission limit of 25 TPY is not exceeded.
- (c) All records shall be maintained for at least 2 years and shall be made available to the Department upon request.

(8) The No. 8 Treatment furnaces are limited to the following fuels: No. 2 fuel oil, coke oven gas and natural gas.

- (9) ~~The operation of the electric arc steelmaking furnaces shall not at any time result in the emission of visible air contaminants in excess of the limitations specified in 25 PA Code Section 123.41, particulate matter emissions in excess of limitations specified in 25 PA Code Section 123.13, or fugitive contaminant emissions in excess of the limitations specified in 25 PA Code Section 123.1.~~
- (10) ~~The storage and handling of the material collected in the air pollution control equipment associated with the electric arc steelmaking furnaces shall not at any time result in the emission of fugitive air contaminant emissions in excess of the limitations specified in Section 123.1 of Chapter 123 of the Rules and Regulations of the Department of Environmental Resources.~~
- (11) The company shall notify the Department within one hour of becoming aware of any malfunction(s) of the sources or associated air pollution control equipment which results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in applicable Department Rules or Regulations. In addition to said telephone notice, written confirmation shall be submitted to the Department within five (5) work days which shall include a description on the known or suspected cause of the malfunction(s), correction action(s) completed and measures proposed by Bethlehem to prevent similar malfunctions in the future.
- (12) Any notification required to be given by BethForge as a result of any condition herein shall be deemed to have been properly given if made by telephone during normal working hours between 8:00 a.m. and 4:00 p.m. Monday through Friday excluding state holidays to the Bethlehem District Office, Bureau of Air Quality Control (610) 861-2070. If such notice is required to be given at any other time, or if there is no answer at the above number, such notice by telephone shall be given prior to 9:00 a.m. on the next day of State business.
- (13) Nothing contained in this permit shall be construed to prevent or limit the application of the provisions of the Air Pollution Control Act, as amended, and 25 PA Code Chapter 137 which relate to air pollution episodes.
- (14) The expiration date shown on this Operating Permit is for state purposes. For Federal Enforcement purposes the Operating Permit shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51.4 and approved by the U.S. Environmental Protection Agency (EPA). The Operating Permit shall become enforceable by the U.S. EPA upon its approval of the above as a revision to the SIP.

- (15) This Operating Permit is valid for a limited period of time and may be renewed before its expiration date. Requests for an Operating Permit Renewal must be in writing and must be accompanied by a permit fee in the amount of (five hundred dollars) \$500.00 (\$250.00 application processing fee and \$250.00 annual administration fee). The request should be made on an Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form no later than January 31, 1999.

An annual Operating Permit administration fee of two hundred fifty dollars (\$250.00) is also due no later than the anniversary date of this Operating Permit. The administration fee is to be submitted with one of the transmittal forms (attached).