OhioEPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 04/10/89 Application No. 1741000005P003

Effective Date 04/10/89 Permit Fee $210

This document constitutes issuance to:

BARIUM AND CHEMICALS INC
COUNTY RT 44
ISLAND CREEK TOWNSHIP OHIO 43952

of a permit to operate for:

PITTSBURGH ELECTROMELT MOD. 800KVA, 1700 LBS/HR
BARIUM OXIDE FURNACE #1

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until 04/09/92
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
NORTH OHIO VALLEY AIR AUTHORITY
814 ADAMS ST.
STEUBENVILLE, OH 43952 (614) 282-3908/3303
10. ☑ If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Richard L Shank

Director

RECEIVED
APR 10 1989
N.O.V.A.A.
STEUBENVILLE, OH.

EPA-3834
REVISED 1-87

APPLICATION NUMBER: 1741000005 P003

FACILITY NAME: Barium and Chemicals, Inc.

EQUIPMENT DESCRIPTION: Pittsburgh Electromelt Mod. 800-KVA 1700 lbs/hr

COMPANY ID: Barium Oxide Furnace #1

SPECIAL TERMS AND CONDITIONS

The following rules of the Ohio Administrative Code establish the applicable emission limitations and/or control requirements for this source.

1. Allowable Emissions - OAC Rule 3745-17-11
2. Visible Emissions - OAC Rule 3745-17-07

This condition in no way limits the applicability of other requirements of the Ohio Administrative Code.

Allowable Mass Emission Limitations and/or Control Requirements.

The mass emissions from this source shall not exceed the following:

1. Allowable Emissions
   The allowable emissions from this source shall not exceed 3.68 lbs/hr.

2. Control of Visible Particulate Emissions from Stationary Sources
   Except as specified in paragraphs (B) to (E) of OAC Rule 3745-17-07, Barium and Chemicals, Inc. shall not cause or allow the discharge into the ambient air from any stack any particulate emissions of a shade or density greater than twenty percent (20%) opacity.

   Except as otherwise specified in paragraphs (C) to (E) of OAC Rule 3745-17-07, Barium and Chemicals, Inc. may cause or allow the discharge into the ambient air from any stack for not more than six (6) consecutive minutes in any sixty (60) minutes any particulate emissions of a shade or density not greater than sixty percent (60%) opacity.

PREPARED BY: Al Carducci
DATE PREPARED: November 29, 1988

EPA 3164
02/14/83
AC:kl