



PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 09/16/93

Application No. 1576000771P039

Effective Date 09/16/93

Permit Fee \$330

This document constitutes issuance to:

CRESCENT BRICK CO. INC.
6878 OSWABURG RD
EAST CANTON

OHIO 44730

of a permit to operate for:

1 MMBTU NATURAL GAS FIRED NGO-CARBON BRICK DRYER
NGO DRYER

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

1. This permit to operate shall be effective until 09/16/96
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 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:
AIR POLLUTION CNTRL DIV. CANTON CITY HEALTH DEPT. -
CITY HALL 420 MARKET AVE. NORTH
CANTON, OH 44702-1544 (216)-489-3385
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY

Director

APPLICATION NUMBER: 15 76 00 0771 P039
FACILITY NAME: CRESCENT BRICK CO., INC.
EQUIPMENT DESCRIPTION: 1 MMBTU NATURAL GAS FIRED MGO-CARBON
BRICK DRYER
COMPANY ID: MGO DRYER

SPECIAL TERMS AND CONDITIONS

1. Applicable State Regulation(s)

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

3745-31-05
3745-17-11

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Allowable Emission Limitation(s)

The emissions from this source shall not exceed the following:

0.13 lb Phenol/hr
0.01 lb Formaldehyde/hr
0.1 lb NO_x/hr
0.4 ton NO_x/yr
0.03 lb CO/hr
0.1 ton CO/yr

3. This facility shall maintain the control system for this source such that the VOC capture efficiency is at least 90% by weight and the control efficiency is at least 90% by weight.

4. MgO - Carbon Brick Dryer

This facility shall continuously monitor and record the temperature of the exhaust gases from the thermal incinerator servicing this source. The temperature records shall be retained in this facility's files for a period of not less than two years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

An outlet temperature of not less than 1300°F shall be maintained for the exhaust gases from the incinerator.

This facility shall submit semi-annual reports which provide the following information for each period during which the incinerator exhaust gas temperatures fall below 1300°F:

- a. The date of the excursion;
- b. The time interval over which the excursion occurred;
- c. The temperature values during the excursion;
- d. The cause(s) for the excursion; and
- e. The corrective action which has been or will be taken to prevent similar excursions in the future.

The reports shall be submitted by February 15 and August 15 of each year and shall cover the previous six calendar months (July through December and January through June, respectively).

PREPARED BY: PATRICK G. SHRIVER

DATE PREPARED: AUGUST 11, 1993