

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 04/07/95

Application No. 1576131771P001

Effective Date 04/07/95

Permit Fee \$000

This document constitutes issuance to:

OMNI DIE CASTING, INC/DIV CANTON DIE CAST
 1100 NOVA DRIVE SE
 MASSILLON OHIO 44646

of a permit to operate for:

FURNACE, 3 MM BTU/HR NG FIRED ALUM MELTING REVERB
 ALUM REVERB (MPH) 3 MILL BTU

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

1. This permit to operate shall be effective until 04/07/98
 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

EPA 3834
Revised 9-90

APPLICATION NUMBER : 15 76 13 1771 P001

FACILITY NAME : OMNI DIE CAST, INC.
DIVISION OF CANTON CASTING

EQUIPMENT DESCRIPTION : FURNACE, 3 MM BTU/HR NG FIRED
ALUM MELTING REVERB

COMPANY ID : ALUM REVERB (MPH) 3 MMBTU/HR

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:

3745-15-07 3745-17-07 3745-17-11
3745-31-05 3745-35-02

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

2. **Allowable Mass Emission Limitation(s) and/or Control Requirements**

The allowable mass emission limitation(s) and/or control requirements for the operation(s), equipment and/or property identified above are specified in the following table:

| <u>Operation(s), Equipment and/or Property</u> | <u>Allowable Mass Emission Emission Limitation(s) and/or Control Requirements</u> |
|---|--|
| 3 MM BTU/Hr Natural Gas Fired Aluminum Melting Reverbatory Furnace with an 8,000 Lb Pot For Remelting Clean Aluminum Pieces from the Permittee's Operations and Ingot Maker to Produce Liquid Aluminum or Aluminum Ingot. | 0.38 Lb PM/Hr 1.66 TPY PM |
| | 0.021 Lb VOC/Hr 0.09 TPY VOC |
| | 0.45 Lb NO _x /Hr 1.97 TPY NO _x |
| | 0.01 Lb CO/Hr 0.05 TPY CO |

See the Following Special Terms and Conditions

APPLICATION NUMBER : 15 76 13 1771 P001

FACILITY NAME : OMNI DIE CAST, INC.
DIVISION OF CANTON CASTING

3. Metal contaminated with rubber, plastic, paper, rags, oil, grease or similar smoke-producing material shall not be charged to this furnace.
4. No more than one pound of flux shall be used in any day in this furnace.
5. No alloys shall be melted in the furnace.
6. This Agency reserves the right to have the permittee conduct, or have conducted, performance testing for Particulate Matter (PM) and Aluminum compounds on this Emission Unit, P001, in accordance with procedures approved by this Agency. If such a performance test reveals that Aluminum compounds are being emitted, an Air Toxics review shall be conducted to verify that the source is not violating the Ohio EPA's Air Toxic's policy.
7. There shall be no visible particulate emissions from the stack servicing this Emission Unit P001 in excess of ten percent (10%) opacity for any six minute period with compliance to be determined using Test Method Nine as defined in Ohio Administrative Code (OAC) 3745-17-03 (B) (1).

EPA 3164
02/14/83

PREPARED BY : PATRICK G. SHRIVER
DATE PREPARED : 03/08/95

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