Ohio EPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 05/19/89 Application No. 1576050694P907

Effective Date 05/19/89 Permit Fee $500

This document constitutes issuance to:

LTV-STEEL CO., INC.
2633 EIGHTH ST NE
CANTON OHIO 44701

of a permit to operate for:

#9 ELECTRIC ARC FURNACE WITH BAGHOUSE
CANTON PLANT NO. 4 MELT SHOP NO. 5 FURNACE

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

1. This permit to operate shall be effective until 05/18/92
   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:
   DIV. OF AIR POLLUTION CNTRL CANTON CITY HEALTH DEPT.
   THIRD FLOOR, CITY HALL
   CANTON, OH 44702 (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

RECEIVED
MAY 25 1989
CANTON CITY HEALTH DEPT.
AIR POLLUTION DIVISION

Richard L. Shank

Director

EPA-3834
REVISED 1-87

APPLICATION NUMBER: 15 76 05 0694 P907

FACILITY NAME: LTV Steel Co., Inc.

EQUIPMENT DESCRIPTION: #9 Electric Arc Furnace With Baghouse

COMPANY ID: Canton Plant No. 4 Melt Shop No. 9 Furnace

SPECIAL TERMS AND CONDITIONS

1. Included under this PTO are process emissions and also fugitive dust emissions from charging, leaking, tapping and oxygen lancing of the electric arc furnace identified under equipment description.

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

   3745-17-07
   3745-17-08
   3745-17-11

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

3. <u>Allowable Mass Emission Limitation(s) and/or Control Requirements:</u>

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

   .0052 grains of particulate per dry standard cubic foot of air from the control equipment

4. <u>Stack Test Requirements for particulate Emissions:</u>

   Within 6 months prior to the expiration of this permit, this facility shall conduct, or have conducted, an emission test(s) for this source in order to demonstrate compliance with the allowable mass emissions rate for particulates.

   The emission test(s) shall be conducted in accordance with the test methods and procedures specified in OAC rule 3745-17-03.

   No later than 30 days prior to the proposed test date(s), this facility shall submit an "Intent to Test" notification which shall describe in detail the proposed test methods and procedures, the source operation parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA field office shall be permitted to witness the test(s), examine the testing equipment and acquire data and information regarding the source operating parameters.

A comprehensive written report on the results of the emission test(s) shall be submitted to the Canton City Health Department, Air Pollution Control Division, City Hall, Canton, OH 44702, within 30 days following completion of the test(s).

5. Fugitive dust emissions from No. 4 melt shop shall not exceed 20 percent opacity.

PREPARED BY: DANIEL J. SCHILTZ
DATE PREPARED: 3/9/89