OhioEPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 04/15/88

Application No. 15760003019011

Effective Date 04/15/88

Permit Fee $210

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APR 08 1988
CITY OF CANTON
HEALTH DEPT.
AIR POLLUTION CONTROL DIVISION

This document constitutes issuance to:

ASHLAND PETROLEUM COMPANY
P.O. BOX 1870, 2408 GAMBRINUS RD. S.W.
CANTON OHIO 44706

of a permit to operate for:

SULFUR RECOVERY UNIT
SRU & THERMAL OXIDIZER

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

1. This permit to operate shall be effective until 04/14/91
   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

Richard L. Shank

Director

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HEALTH DEPT.
AIR POLLUTION CONTROL DIVISION

EPA-3834
REVISED 1-87

APPLICATION NUMBER:	15 76 00 0301 P011
FACILITY NAME:	Ashland Petroleum Co.
EQUIPMENT DESCRIPTION:	Sulfur Recovery Unit
COMPANY ID:	SRU & Thermal Oxidizer

SPECIAL TERMS AND CONDITIONS

1. The standards of performance for this new petroleum refinery Claus sulfur recovery plant, having an incinerated gas stream will not discharge more than 250 ppm by volume of sulfur dioxide (SO_2) corrected to a dry oxygen-free basis as prescribed under 40 CFR Part 60, subpart J.

2. CEM maintenance requirements will follow the NSPS procedures cited under 40 CFR Part 60, subpart J.

3. Pursuant to the requirements of the Standards of Performance for New Stationary Sources, subpart J - Standards of Performance for Petroleum Refineries, section 60.105(a)(5), Ashland employs a DuPont analyzer for continuously monitoring and recording the concentration of sulfur dioxide discharged from the SCOT unit. Section 60.13(e) of these standards requires that such continuous monitoring and recording equipment be in continuous operation except for system breakdowns, repairs, calibration checks, and zero and span adjustments.

4. The sulfur recovery unit shall have an oxygen (O_2) monitoring device. A certification test shall be conducted in accordance with the provisions of section 60.13 and appendix B, performance specification 3, of the Standards of Performance for New Stationary Sources in 40 CFR part 60.

CONTINUED

5. Except for system breakdowns, repairs, calibration checks, and zero and span adjustments, Ashland shall continuously monitor and record by a device which provides an instantaneous readout of the temperature of the thermal oxidizer in order to ensure total sulfur oxidation to sulfur dioxide (SO_2).

6. Ashland shall submit a quarterly production report of elemental sulfur produced. These data shall be submitted to the Canton Air Pollution Control Agency within 30 days after the calendar quarter ends.

7. Submit to the Canton City Health Department, Air Pollution Control Division, City Hall Building, 218 Cleveland Avenue SW, Canton, Ohio 44702, quarterly reports of SO_2 emissions exceedences of the 250 ppm standard from the subject SRU unit--thermal oxidizer. In addition, this report is to cite all malfunctions of the CEM equipment that monitors the SO_2 discharged from the SRU/Scott unit. These reports are due by the 30th day following the end of the calendar quarter.

PREPARED BY: ANDY PASKO
DATE PREPARED: 3/21/88