OhioEPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 08/29/88 Application No. 1576050214B002

Effective Date 08/29/88 Permit Fee $210

This document constitutes issuance to:

AKRO CORPORATION
1212 7TH ST SW
CANTON OHIO 44711

of a permit to operate for:

11 MM BTU COAL BOILER W/M.C. COLLECTOR (STAND BY)
NO. 2 ERIE CITY HOT BOILER

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

1. This permit to operate shall be effective until 08/28/91
   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

RECEIVED
AUG 22 1988
CITY OF CANTON
HEALTH DEPT.
AIR POLLUTION CONTROL DIVISION

Richard L. Shank
Director

EPA-3834
REVISED 1-87

APPLICATION NUMBER: 15 76 05 0214 B002

FACILITY NAME: Akro Corporation

EQUIPMENT DESCRIPTION: 11 MM BTU Coal Boiler w/ M.C. Collector (Standby)

COMPANY ID: No. 2 Erie City HRT Boiler

SPECIAL TERMS AND CONDITIONS

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

   3745-17-07, 3745-17-10, 3745-18-82 (P)

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

2. The mass emissions from this source shall not exceed the following:
   A. 0.32 lb. particulates/MM BTU actual heat input (based on figure I, curve P-1 and H=20 MM BTU/hr)
   B. 3.2 lb. of SO_2/MM BTU actual heat input

3. Each shipment of coal received from the fuel supplier must meet the following minimum quality specifications on an "as received" basis:
   A. <2% sulfur
   B. <9% ash
   C. >13,000 BTU/lb heat content

4. This facility shall submit to the Canton City Health Department, Air Pollution Control Division, City Hall Bldg., 218 Cleveland Ave., S.W., Canton, Ohio 44702, on a quarterly basis, copies of the coal supplier's analyses (wet and dry) for each shipment of coal which is received for burning in this source. The coal supplier's analyses shall document the ash content (percent), sulfur content (percent), and heat content (BTU/lb.) of each shipment of coal. The following information shall also be included with the copies of the coal supplier's analyses:
   (a) the total quantity of coal received in each shipment (tons);
   (b) the weighted* average ash content (percent) of the coal received during each calendar month;
   (c) the weighted* average sulfur content (percent) of the coal received during each calendar month;
   (d) the weighted* average heat content (BTU/lb.) of the coal received during each calendar month; and
   (e) the weighted* average sulfur dioxide emission rate (lbs. $SO_2/10^6$ BTU actual heat input) from the coal received each calendar month.
   *In proporation to the quantity of coal received in each shipment during the calendar month.
   These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the coal shipments received during the previous calendar quarters.

5. Compliance with the sulfur dioxide emission limitation shall be determined on the basis of the weighted (by weight of each shipment), arithmetic average of the sulfur, and heat contents from fuel supplier analyses for each calendar month and by use of the following equation:

   $$ER=(1x106)/H \times S \times .019$$

   Where: ER=Average monthly emission rate in pounds of SO_2 per MM BTU

(CONTINUED)

H=The weighted arithmetic average monthly heat content in BTU per pound

S=The weighted arithmetic average monthly sulfur content in percent

6. This source is a standby boiler and as such can only be used as a direct substitution for boiler B003 for a limited period due to unpredictable and unavoidable breakdown or failure, or routine scheduled maintenance of boiler B003 as defined in OAC 3745-17-01.

7. At all times during the operating of this boiler (B002) the steam injection system must be employed as well as the Bresolve collector (one collector with the second sealed off).

8. Continuous Opacity Monitoring/Recording/Excess Emission Reporting:

Upon issuance of this operating permit, Akro Corporation shall continue to operate, maintain, and periodically calibrate as necessary, the continuous opacity monitor and recorder in accordance with the requirements of 40 CFR, Part 60, Section 60.13. Excess emissions shall be defined as any six-minute period during which the average opacity of emissions exceeds 20 percent opacity. Quarterly excess emission reports shall be submitted by Akro Corporation to the Canton Air Pollution Control Agency in accordance with 40 CFR, Part 60, Section 60.7. The report shall be submitted on January 15, April 15, July 15, and October 15 of each year. Each report shall cover any excess emissions which occurred during the previous calendar quarter.

9. The Akro Corporation (OEPA premise number 15 76 05 0214) or any subsequent owner or operator of the Akro Corporation, facility located at 1212 Seventh Street, SW, Canton , Ohio shall not cause or permit the emission of sulfur dioxide from boiler numbers 3 and 2 (OEPA source numbers B001 and B002) to exceed a maximum of 4.4 pounds of sulfur dioxide per MM BTU actual heat input from each boiler and shall operate said boilers such that the following combined average operating rates are not exceeded for any calendar day: First quarter, 14 MM BTU per hour; second quarter, 14 MM BTU per hour; third quarter, 13 MM BTU ler hour; fourth quarter, 14 MM BTU per hour.

PREPARED BY: DANIEL J. SCHILTZ
DATE PREPARED: 4/21/88