OhioEPA
State of Ohio Environmental Protection Agency

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 03/31/89 Application No. 1576050214800 3

Effective Date 03/31/89 Permit Fee $210

This document constitutes issuance to:

AKRO CORPORATION
1212 7TH ST SW
CANTON OHIO 44711

of a permit to operate for:

16.3 MM BTU COAL BOILER W/OPJ & MULTICLONES
NO. 4 BOILER

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

1. This permit to operate shall be effective until 03/30/92
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

Richard L. Shank

Director

RECEIVED
APR - 4 1989
CANTON CITY HEALTH DEPT.
AIR POLLUTION DIVISION

EPA-3834
REVISED 1-87

APPLICATION NUMBER: 15 76 05 0214 B003

FACILITY NAME: Akro Corporation

EQUIPMENT DESCRIPTION: 16.3 MM BTU Coal Boiler w/ OFJ & Multiclones

COMPANY ID: No. 4 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. .345 lb. particulates/MM BTU actual heat input
B. 3.2 lb. of SO2/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:

1. < 2 percent sulfur
2. < 9 percent ash
3. > 13,000 BTU/lb. heat content CHANGE TO 12,500 DIS

4. This facility shall submit to the Canton City Health Department, Air Pollution Control Division, City Hall, 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 SO2/106 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:

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

Where: ER=Average monthly emission rate in pounds of SO2 per MM BTU

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

S=The weighted arithmetic average monthly sulfur content in percent

6. This facility shall operate and maintain existing equipment to continuously monitor and record the opacity of the particular emissions from this source. Such continuous monitoring and recording equipment shall comply with the requirements specified in 40 CFR Part 60.13.

Pursuant to 40 CFR Parts 60.7 and 60.13 (h), this facility shall submit reports on quarterly basis to the Canton City Health Department, Air Pollution Control Division, City Hall, Canton, Ohio 44702, documenting all instances of opacity values in excess of the limitations specified in OAC rule 3745-17-07 or any limitations specified in the terms and conditions of this permit. These quarterly excess emission reports shall be submitted by January 15, April 15, July 15, and October 15 of each year and shall address the data obtained during the previous calendar quarters.

CHANGE TO FEB 15, MAY 15, AUG 15 NOV 15

7. Stack Test Requirements for particulate Emissions:

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).

8. Only one boiler (B002 or B003) may be operated at any one time.

9. At all times during the operation of boiler No. 3, the steam injection system must be employed as well as the Breslove collector (one collector with the second sealed off).

10. Akro Corporation shall operate boilers (B002 & B003) 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 per hour; Fourth quarter, 14 MM BTU per hour.

PREPARED BY: DANIEL J. SCHILTZ
DATE PREPARED: 12/29/88