OhioEPA
State of Ohio Environmental Protection Agency
P.O. Box 1049, 1800 WaterMark Dr.
Columbus, Ohio 43266-0149

Toward A Cleaner Environment
15 Year Anniversary 1972 - 1987

Richard F. Celeste
Governor

Re: Permit to Install
STARK County
Application No.15-434

CERTIFIED MAIL

OCTOBER 5, 1988

RECEIVED
OCT 17 1988
CITY OF CANTON
HEALTH DEPT.
AIR POLLUTION CONTROL DIVISION

BABCOCK & WILCOX CO
ALLIANCE RESEARCH CTR
NICK G. SANDRU
1562 BEESON ST, P.O. BOX 835
ALLIANCE, OHIO 446Ø1

Dear Sir:

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions I urge you to read it carefully.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations Section
Division of Air Pollution Control

TGR/gs

cc: US EPA
CANTON DIVISION OF AIR POLLUTION CONTROL

OhioEPA

State of Ohio Environmental Protection Agency

Permit to Install
Terms and Conditions

Application No. 15-434
APS Premise No. 1576Ø1Ø6Ø1
Permit Fee: $1ØØ.

Name of Facility: BABCOCK & WILCOX CO, ALLIANCE RESEARCH CTR

Person to Contact: NICK G. SANDRU

Address: 1562 BEESON ST, P.O. BOX 835
ALLIANCE, OHIO 446Ø1

Location of proposed source(s): 1562 BEESON ST
LEXINGTON TWP, OHIO

Description of proposed source(s): 9.52 MMBTU WOOD OR COAL FIRED RESEARCH BOILER.

Date of Issuance: OCTOBER 5, 1988

Effective Date: OCTOBER 5, 1988

The above named entity is hereby granted a permit to install for the above described source(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described source(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Richard L. Shank

Director

EPA 3156

Substantial construction for installation must take place within eighteen months of the effective date of this permit. This deadline may be extended by up to twelve months, if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, examining records or reports pertaining to the construction, modification or installation of the above described source of environmental pollutants.

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

The specified permit fee must be remitted within 15 days of the effective date of this permit to install.

If the construction of the proposed source has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities prove to be inadequate or cannot meet applicable standards.

EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for Babcock & Wilcox, Alliance Research located in Stark County. The sources listed below shall not exceed the emission limits/control requirements contained in the following table:

Ohio EPA Source No.	Source Identification	BAT Determination	Applicable Ohio EPA rule	Allowable Emissions (lb/hr, lb/MMBTU, gr/DSCF,etc.)
B008	9.52 MM BTU coal or wood fired fluidized bed boiler	Multiclone & baghouse & SO_2 capture	3745-31 3745-17-07 3745-17-10	0.1 lb part/MMBTU 1.6 lb SO_2/MMBTU 0.7 lb NO_x/MMBTU 0.62 lb CO/MMBTU

SUMMARY
TOTAL NEW SOURCE EMISSIONS

Pollutant	Tons/Year
Part.	4.17
SO_2	66.7
VOC	.12
NO_x	29.2
CO	26.0

This condition in no way limits the applicability of any other state or federal regulation.

PERMIT TO OPERATE APPLICATION

A Permit to Operate Application and a $15 application fee must be submitted to the appropriate field office for each source in this Permit to Install. In accordance with OAC rule 3745-35-02, the application shall be made at least ninety days prior to start-up of the source.