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

O.E.P.A.
S.E.D.O.
1989 JUN 26 AM 10 22

Toward A Cleaner Environment
15 Year Anniversary 1972 - 1987

Richard F. Celeste
Governor

Re: Permit to Install
Jackson County

CERTIFIED MAIL

June 21, 1989

ALU CHEM OF JACKSON INC.
MR. RONALD L. BELL
01 LANDY LANE
CINCINNATI, OHIO 45215

06-2189

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
Southeast District Office

OhioEPA

State of Ohio Environmental Protection Agency

Permit to Install
Terms and Conditions

Application No. Ø6-2189
APS Premise No. Ø64ØØØØØØ5
Permit Fee: $273Ø.

Name of Facility: ALU CHEM OF JACKSON INC

Person to Contact: MR. RONALD L. BELL

Address: Ø1 LANDY LANE
CINCINNATI, OHIO 45215

Location of proposed source(s): 14782 BEAVER PIKE
JACKSON, OHIO

Description of proposed source(s): CUSTOM SIZING PLANT & TABULAR PLANT.

Date of Issuance: JUNE 21, 1989

Effective Date: JUNE 21, 1989

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 Alu Chem of Jackson Inc. located in Jackson 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.)
P012	Pennslyvania Hammermill	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subpart LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source
P013	Raw mill	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subpart LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source
P014	Shaft kiln	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subpart LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source
P015	Symons crusher & product bin	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subaprt LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source
P016	Telesmith jaw crusher & Jeffry roll crusher	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subpart LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source
P017	16" x 38" jaw crusher	Must comply w/ NSPS Subpart LL	3745-31-05 (A)(2) 40 CFR Part 60 Subpart LL 3745-31-05 (A)(3)	0.05 grams/dscm & must have no visible emissions >7% from the stack & no visible emissions >10% from any fugitive dust source

SUMMARY
TOTAL NEW SOURCE EMISSIONS

Pollutant	Tons/Year
Particulate matter	1.17

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

APPLICABILITY

This Permit to Install is applicable only to the air contaminant sources listed and does not include the installation or modification of wastewater disposal systems or solid waste disposal facilities. Separate application must be made to the Director for the installation or modification of any such wastewater disposal systems or solid waste disposal facilities.

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

Source No.	Source Description	NSPS Regulation (Subpart)
P012	Pennsylvania Hammermill	LL
P013	Raw Mill	LL
P014	Shaft Kiln	LL
P015	Symons Crusher & Product Bin	LL
P016	Telesmith Jaw Crusher & Jeffrey Roll Crusher	LL
P017	16"x38" Jaw Crusher	LL

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

1. Construction date (no later than 30 days after such date);
2. Anticipated start-up date (not more than 60 days or less than 30 prior to such date);
3. Actual start-up date (within 15 days after such date); and
4. Date of performance testing (at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
Authorization and Compliance Unit
P.O. Box 1049
Columbus, Ohio 43266-0149

and Southeast District Office
2195 Front St.
Logan, Ohio 43138

PERFORMANCE TEST REQUIREMENTS

The permittee shall conduct, or have conducted, performance testing on the air contaminant source(s) in accordance with procedures approved by the Agency. Two copies of the written report shall be submitted and signed by the person responsible for the test, describing the test procedures followed and the results of such tests. The Director or an Ohio EPA representative shall be allowed to witness the tests, examine testing equipment and require the acquisition or submission of data and information necessary to assure that the source operation and testing procedures provide a valid characterization of the emissions from the source and/or the performance of the control equipment.

A. A completed Intent to Test form shall be submitted to the appropriate Ohio EPA District Office or Local Air Pollution Control Agency where the original permit application was filed. This notice shall be made thirty (30) days in advance and shall specify the source operating parameters, the proposed test procedures and the time, date, place and person(s) conducting such tests.

B. Two copies of the test results shall be submitted within thirty (30) days after the completion of the performance test.

C. Tests shall be performed for the following sources and pollutants:

P012	Pennsylvania Hammermill	Particulate matter
P013	Raw Mill	Particulate matter
P014	Shaft Kiln	Particulate matter
P015	Symons Crusher & Product Bin	Particulate matter
P016	Telesmith Jaw Crusher & Jeffry Roll Crusher	Particulate matter
P017	16" x 38" Jaw Crusher	Particulate matter

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the sources.

REPORTING

Any reports required by the Permit to Install shall be submitted to Southeast District Office.

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.

PUBLIC DISCLOSURE

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source are subject to public disclosure in accordance with OAC Rule 3745-49-03.

MALFUNCTION/ABATEMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

In accordance with OAC Rule 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the Southeast District Office. Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment, that requires the shutdown or bypassing of said equipment, must be accompanied by the shutdown of the associated air pollution sources.