



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.  
Columbus, Ohio 43266-0149  
(614) 644-3020 Fax (614) 644-2329

Richard F. Celeste  
Governor

Re: Permit to Install  
Harrison County  
Application No: 17-753

CERTIFIED MAIL

February 14, 1990

LJ SMITH INC  
JAMES ELCO  
35280 SCIO-BOWERSTON ROAD  
BOWERSTON, OH 44695

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, Manager  
Field Operations Section  
Division of Air Pollution Control

cc: US EPA  
NORTH OHIO VALLEY AIR AUTHORITY



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## Permit to Install Terms and Conditions

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Application No. 17-753  
APS Premise No. 1734000064  
Permit Fee: \$840.00

Name of Facility: LJ SMITH INC

Person to Contact: JAMES ELCO

Address: 35280 SCIO-BOWERSTON ROAD  
BOWERSTON, OH 44695

Location of proposed source(s): SW QUARTER SEC 15, TWP 13, RANGE 6  
BOWERSTON, OHIO

Description of proposed source(s): PAVED & UNPAVED ROADS, STORAGE  
& MATERIAL HANDLING OF SAWDUS  
T, & WOOD SHAPING, & A NAT. GA  
S-FIRED BOILER (2.0 MMBTU/HR).

Date of Issuance: February 14, 1990

Effective Date: February 14, 1990

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

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Director

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. This deadline may be extended by up to 12 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.

NOTICE OF INSPECTION

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, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) 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 Ohio Administrative Code (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.

LJ SMITH INC  
Application No. 17-753  
Page 3 of 7  
February 14, 1990

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

BEST AVAILABLE TECHNOLOGY

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application and a \$15 application fee must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for LJ SMITH INC located in Harrison County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification/Description</u>	<u>BAT Determination</u>	<u>Applicable Federal and OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control &amp; Usage Requirements</u>
F001	Paved & unpaved roads	Good house-keeping	3745-31-05 3745-17-08 (B)	Minimize & eliminate fugitive dust
F002	Sawdust storage & material handling	Fabric filter & enclosure	3745-31-05 3745-17-08 (B)	Minimize & eliminate fugitive dust
P001	Wood shaping	Baghouse	3745-31-05 3745-17-11 3745-17-07 3745-15-06	0.02 gr/DSCF or no VE's
B001	Nat. gas-fired boiler	Natural gas	3745-31-05 3745-17-10 3745-17-07 3745-15-06	PM- 0.020 lb/10 <sup>6</sup> BTU; SO <sub>2</sub> - 0.6 lb/10 <sup>6</sup> CF; <sup>2</sup> VOC- 8 lb/10 <sup>6</sup> CF; NO <sub>x</sub> - 100 lb/10 <sup>6</sup> CF; <sup>x</sup> CO- 20 lb/10 <sup>6</sup> CF

SUMMARY  
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	2.51
SO <sub>2</sub>	0.005
VOC	0.074
NO <sub>x</sub>	0.735
CO <sup>x</sup>	0.150

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.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s)

LJ SMITH INC  
Application No. 17-753  
Page 5 of 7  
February 14, 1990

shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

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 North Ohio Valley Air Authority.

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 air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. F001

Paved Surfaces In accordance with the requirements of paragraph B of OAC Rules 3745-17-08 and 3745-31-05, L.J. Smith Co. shall maintain the surfaces of the paved areas in a clean condition by promptly cleaning up spilled materials and requiring trucks hauling material likely to become airborne to be tarped in order to minimize or eliminate fugitive dust.

Unpaved Surfaces In accordance with the requirements of paragraph B of OAC Rules 3745-17-08 and 3745-31-05, L.J. Smith Co. shall apply on an as-needed frequency crushed limestone in sufficient quantity to cover all unpaved surfaces to prevent dirt and mud from being deposited onto paved surfaces. Dirt and other material deposited on paved surfaces shall be promptly cleaned up in order to minimize or eliminate fugitive dust.

2. F002

Storage and Handling of Sawdust In accordance with the requirements of OAC Rules 3745-17-08 and 3745-31-05, L.J. Smith Co. shall maintain and employ an enclosed auger system for transferring the wood waste from the fabric filter to the trailer in order to minimize and eliminate visible emissions of fugitive dust. The truck trailers shall be protected from winds by a wind guard and two-sided enclosures. The trailers shall be tarped to minimize and eliminate visible emissions of fugitive dust.

3. P001

Wood/Shaping In accordance with the requirements of OAC Rules 3745-17-11 and 3745-31-05, L.J. Smith Co. shall maintain and employ properly sized hoods and fans to capture and vent wood waste generated at the work stations such that the collection efficiency is sufficient to minimize or eliminate visible emissions of fugitive dust at the points of capture to the extent possible with good engineering design.

The fabric filter control device shall be maintained and operated such that the particulate matter concentration in the exhaust does not exceed 0.020 grains/DSCF and exhibits no visible emissions from the stack.

LJ SMITH INC  
Application No. 17-753  
Page 7 of 7  
February 14, 1990

4. B001

In accordance with the requirements of OAC Rules 3745-17-10 and 3745-31-05, L.J. Smith Co. shall fire Reflect o Ray, Inc. heater with natural gas.