State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
AUGLAIZE COUNTY

Street Address: 122 S. Front Street
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329
Mailing Address: Lazarus Gov. Center P.O. Box 1049

Application No: 03-13470

DATE: 7/11/00

Hoge Lumber Company
John Hoge
701 South Main Street
New Knoxville, OH 45871

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.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission 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 within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo

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

CC: **USEPA** **NWDO**

FINAL PERMIT TO INSTALL 03-13470

Application Number:	03-13470
APS Premise Number:	0306000120
Permit Fee:	**$200**
Name of Facility:	Hoge Lumber Company
Person to Contact:	John Hoge
Address:	701 South Main Street New Knoxville, OH 45871

Location of proposed air contaminant source(s) [emissions unit(s)]:
701 South Main Street
New Knoxville, **Ohio**

Description of proposed emissions unit(s):
8.94 mmBTU/hr portable diesel fired electric generator.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(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 emissions unit(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 emissions unit(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

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, 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 air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of 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 the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. 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.

9. Construction of New Sources(s)

The proposed emissions unit(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 emissions unit(s) has already begun or has been completed prior to the date the Director of the 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.

10. 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.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. 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.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons Per Year
NOx	24.86
SO2	0.03
PE	0.36
CO	3.63
VOC	0.85

Emissions Unit ID: **P004**

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements
8.94 mmBTU/hr portable diesel fired electric generator	OAC rule 3745-31-05(A)(3) OAC rule 3745-17-11(B)(5)(b) OAC rule 3745-18-06(G) OAC rule 3745-31-05(D) OAC rule 3745-17-07(A)

Applicable Emissions
Limitations/Control Measures

0.52 lbs/hr particulate emissions (PE)
0.36 tpy PE

0.04 lb/hr sulfur dioxide (SO_2)
0.03 tpy SO_2

5.18 lb/hr carbon monoxide (CO)
3.63 tpy CO

35.52 lbs/hr nitrogen oxides (NO_x)

1.21 lbs/hr volatile organic compounds (VOC)
0.85 tpy VOC

10% opacity as a 6-minute average, except during start-up and shutdown

See A2.a - A.2.e. below.

24.68 tpy NO_x per rolling 12-month period based on fuel usage restrictions (See A.2.f. and B.1.)

See A.2.g below.

See A.2.g below.

0.062 lb particulates per mmBtu actual heat input.

See A.2.e below.

2. Additional Terms and Conditions

2.a The permittee shall only burn low sulfur diesel fuel, containing less than 0.05% sulfur by weight, in this emissions unit.

2.b The permittee shall only relocate this emissions unit to an approved site as specified in section F.1 below.

2.c The permittee shall obtain a new permit to install in the event that the generator is scrapped out and replaced with a new unit.

2.d The NO_x emissions from either this emissions unit shall not exceed 24.68 tpy based on a rolling 12-month summation.

2.e. The requirements of this rule also include compliance with the requirements of OAC Rule 3745-31-05(D).

2.f. The permittee has requested a federally enforceable limitation of 24.68 tons of NOx per rolling 12-month period based on fuel usage restrictions (See B.1.).

2.g. The emissions limit based on this applicable rule is less stringent than the limit established pursuant to OAC rule 3745-31-05.

B. Operational Restrictions

1. The maximum annual usage of #2 oil shall not exceed 97,300 gallons/year, based upon a rolling, 12-month summation of the fuel usage input rates.

   To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the fuel usage levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Fuel Usage (Gallons)
1	8200
1-2	16,400
1-3	24,600
1-4	32,800
1-5	41,000

1-6	49,200
1-7	57,400
1-8	65,600
1-9	73,800
1-10	82,000
1-11	90,200
1-12	97,300

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual fuel usage limitation shall be based upon a rolling, 12-month summation of the monthly fuel usage rates.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:

   a. the fuel usage each month (in gallons); and

   b. beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the fuel usage (in gallons).

   Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative fuel usage for each calendar month.

2. The permittee shall (in conjunction with the information required in C.1.) collect and record the following information each month for the purposes of determining NOx emissions foe emissions unit P004:

   a. The rolling, 12-month NOx emissions, in tons.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month fuel usage limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative fuel usage levels. These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).

E. Testing Requirements

Emissions Unit ID: **P004**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

a. **Emission Limitation:**

0.062 lb particulates per mmBtu actual heat input
0.52 lbs PE/hr
0.36 tpy particulates

Applicable Compliance Method:

Compliance shall be based upon an emission factor supplied by the facility of 0.062 lbs/mmBTU * the maximum heat input of the emissions unit (8.94 mmBTU/hr). The ton per year limitation represents the potential to emit based on 1,400 hours of operation per year of operation which equates to the 97,300 gallons per year fuel usage restriction.

If required, the permittee shall demonstrate compliance by testing in accordance with Method 5, 40 CFR Part 60, Appendix A.

b. **Emission Limitation:**

0.04 lb/hr sulfur dioxide (SO_2)
0.03 tpy SO_2

Applicable Compliance Method:

Compliance shall be based upon an emission factors contained in AP-42 Chapter 3.4.5 (10/96) * the maximum heat input of the emissions unit (8.94 mmBTU/hr). The ton per year limitation represents the potential to emit based on 1,400 hours of operation per year of operation which equates to 97,300 gallons per year fuel usage restriction.

If required, the permittee shall demonstrate compliance by testing in accordance with Method 6, 40 CFR Part 60, Appendix A.

c. **Emission Limitation:**

5.18 lb/hr carbon monoxide (CO)
3.63 tpy CO

Applicable Compliance Method:

Compliance shall be based upon an emission factor supplied by the facility of 0.58 lbs/mmBTU * the maximum heat input of the emissions unit (8.94 mmBTU/hr). The ton

per year limitation represents the potential to emit based on 1,400 hours of operation per year of operation which equates to 97,300 gallons per year fuel usage restriction.

If required, the permittee shall demonstrate compliance by testing in accordance with Method 10, 40 CFR Part 60, Appendix A.

d. **Emission Limitation:**

35.52 lbs/hr nitrogen oxides (NO_x)
24.86 tpy NO_x per rolling 12-month period.

Applicable Compliance Method:

Compliance shall be based upon an emission factor supplied by the facility of 3.97 lbs/mmBTU * the maximum heat input of the emissions unit (8.94 mmBTU/hr). Compliance with the rolling ton per year limitation shall be demonstrated by the recordkeeping in C.2.

If required, the permittee shall demonstrate compliance by testing in accordance with Method 7, 40 CFR Part 60, Appendix A.

e. **Emission Limitation:**

1.5 lbs/hr volatile organic compounds (VOC)
1.17 tpy VOC

Applicable Compliance Method:

Compliance shall be based upon an emission factor supplied by the facility of 0.13 lbs/mmBTU * the maximum heat input of the emissions unit (8.94 mmBTU/hr). The ton per year limitation represents the potential to emit based on 1,400 hours of operation per year of operation which equates to 97,300 gallons per year fuel usage restriction.

If required, the permittee shall demonstrate compliance by testing in accordance with Method 25, 25a or 18 (as appropriate) 40 CFR Part 60, Appendix A.

f. **Emission Limitation:**

10% opacity as a 6-minute average

Applicable Compliance Method:

40 CFR Part 60, Appendix A - Method 9

F. Miscellaneous Requirements

1.Relocation of the Emissions Unit

Under the terms and conditions of permits to install number 03-13466, this emissions unit is approved for use at the following site. Per 40 CFR Part 89, this emissions unit must not remain at any one of the listed sites for a period greater than one year:

Hoge Lumber Company, 701 S. Main Street, New Knoxville, OH 45871

2. Notice of Relocation of the Emissions Unit to Listed Sites

The applicant shall provide a written notice to Ohio EPA, Northwest District Office within a minimum of thirty days after the relocation to one of the above listed sites.

3. Notice of Relocation of the Emissions Unit to Non Listed Sites

If this permittee wishes to move this emissions unit to a site not listed in term F.1., the permittee must first (1) obtain a new permit to install, (2) comply with the requirements of Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), or (3) comply with the requirements of OAC rule 3745-31-03(A)(1)(p)(ii).

NEW SOURCE REVIEW FORM B

PTI Number: 03-13470 Facility ID: 0306000120

FACILITY NAME Hoge Lumber Company

FACILITY DESCRIPTION 8.94 mmBTU/hr portable diesel fired electric generator CITY/TWP New Knoxville

SIC CODE 2426 SCC CODE EMISSIONS UNIT ID P004

EMISSIONS UNIT DESCRIPTION 8.94 mmBTU/hr diesel fired portable electric generator

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment	0.52 lb/hr	0.36	0.52 lb/hr	0.36
PM_{10}					
Sulfur Dioxide	Attainment	0.04 lb/hr	0.03	0.04 lb/hr	0.03
Organic Compounds	Attainment	1.21 lb/hr	0.85	1.21 lb/hr	0.85
Nitrogen Oxides	Attainment	35.52 lbs/hr	24.86	35.52 lbs/hr	24.86
Carbon Monoxide	Attainment	5.18 lbs/hr	3.63	5.18 lbs/hr	3.63
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Compliance with the terms and conditions in this permit

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 03-13470 Facility ID: 0306000120

FACILITY NAME Hoge Lumber Company

FACILITY DESCRIPTION 8.94 mmBTU/hr portable diesel fired electric generator CITY/TWP New Knoxville

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit hard copy items to **Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

Please fill out the following. If the checkbox does not work, replace it with an 'X'	Electronic	**Additional information** File Name Convention (your PTI # plus this letter)	Hard Copy	None
Calculations (required)	☒	0000000**c**.wpd	☐	
Modeling form/results	☐	0000000**s**.wpd	☐	☒
PTI Application (complete or partial)*	☐	0000000**a**.wpd	☐	☒
BAT Study	☐	0000000**b**.wpd	☐	☒
Other/misc.	☐	0000000**t**.wpd	☐	☒

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

This PTI is for a temporary emissions unit which will be located at Hoge Lumber Company in New Knoxville. Per 40 CFR Part 89, for non-road engines, this unit cannot remain at one site for a period greater than one year. A synthetic minor is also not required, but federally enforceable limits will be included in this permit.

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

☐ **Synthetic Minor Determination and/or** ☐ **Netting Determination**

Permit To Install **ENTER PTI NUMBER HERE**

A. Source Description

B. Facility Emissions and Attainment Status

C. Source Emissions

D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

NONE

Please complete:

SUMMARY (for informational purposes only)

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

NEW SOURCE REVIEW FORM B

PTI Number: 03-13470 Facility ID: 0306000120

FACILITY NAME Hoge Lumber Company

FACILITY DESCRIPTION 8.94 mmBTU/hr portable diesel fired electric generator CITY/TWP New Knoxville

Pollutant	Tons Per Year
NOx	24.86
SO2	0.03
PE	0.36
CO	3.63
VOC	0.85