



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: DRAFT PERMIT TO INSTALL MODIFICATION**

**JEFFERSON COUNTY**

**Application No: 06-90720**

**Fac ID: 0641030199**

**CERTIFIED MAIL**

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

**DATE:** 5/12/2005

Bill Denoon Lumber  
Al Thompson  
570 Co. Hwy. 52  
Bergholz, OH 43908

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of **\$ 200** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

CC: USEPA SEDO Brooke-Hancock-Jefferson Area Trans. Study WV PA

**JEFFERSON COUNTY**

**PUBLIC NOTICE**

**ISSUANCE OF DRAFT PERMIT TO INSTALL 06-90720 FOR AN AIR CONTAMINANT SOURCE FOR  
Bill Denoon Lumber**

On 5/12/2005 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Bill Denoon Lumber**, located at **570 Co. Hwy. 52, Bergholz**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 06-90720:

**Administrative modification for PTI 17 720 issued November 9 1989.**

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Bruce Weinberg, Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138 [(740)385-8501]



Permit To Install

Issue Date: To be entered upon final issuance

Terms and Conditions

Effective Date: To be entered upon final issuance

**DRAFT MODIFICATION OF PERMIT TO INSTALL 06-90720**

Application Number: 06-90720

Facility ID: 0641030199

Permit Fee: **To be entered upon final issuance**

Name of Facility: Bill Denoon Lumber

Person to Contact: Al Thompson

Address: 570 Co. Hwy. 52  
Bergholz, OH 43908

Location of proposed air contaminant source(s) [emissions unit(s)]:

**570 Co. Hwy. 52  
Bergholz, Ohio**

Description of proposed emissions unit(s):

**Administrative modification for PTI 17 720 issued November 9 1989.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

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

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 cannot meet the requirements of this permit 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 cannot meet the requirements of this permit 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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

**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 ninety (90) 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**

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	16.5
SO <sub>2</sub>	1.8
VOC	1.4
NO <sub>x</sub>	1.8
CO	39.5

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

**A. Applicable Emissions Limitations and/or Control Requirements**

- 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B001 - 15.0 million btu per hour wood fired boiler controlled by multiclones and core separator	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) shall not exceed 0.25 pound of particulate emissions per million btu of actual heat input; 16.5 tons per year.
		Sulfur Dioxide (SO <sub>2</sub> ) emissions shall not exceed 0.4 pounds of SO <sub>2</sub> emissions per hour; 1.8 tons per year.
		Volatile Organic Compound (VOC) emissions shall not exceed 0.3 pound of VOC emissions per hour; 1.4 of VOC emissions per year.
		Nitrogen Oxide (NO <sub>x</sub> ) emissions shall not exceed 0.4 pound of NO <sub>x</sub> emissions per hour; 1.8 ton of NO <sub>x</sub> emissions per year.
		Carbon monoxide (CO) emissions shall not exceed 9.0 pounds of CO emissions per hour; 39.5 tons of CO emissions per year.
		The requirements of this rule also include compliance with OAC rule 3745-17-07(A).
	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

OAC rule 3745-17-10(C)(2)

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

## 2. Additional Terms and Conditions

2.a None.

## B. Operational Restrictions

1. The pressure drop across the multiclones shall be maintained within the range of 3 to 7 inches of water while the emissions unit is in operation..

## C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the multiclones while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the multiclones on a daily basis.

## D. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the multiclones did not comply with the allowable range specified above.

The deviation reports shall be submitted in accordance with the reporting requirements specified in the General Terms and Conditions.

## E. Testing Requirements

Compliance with the emission limitations in sections A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

1. Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Method:

Compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1), if required.

2. Emission Limitation:

Particulate emissions shall not exceed 0.25 pound per million btu; 16.5 tons per year.

Applicable Compliance Method:

If required, particulate emissions shall be determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

The TPY emission limitation was developed by multiplying the allowable particulate emission limitation (0.25 lb/million btu) by the maximum hourly gas burning capacity of the emissions unit (15 million btu/hr), and by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

3. Emission Limitation:

SO<sub>2</sub> emissions shall not exceed 0.4 pound per hour; 1.8 tons per year.

Applicable Compliance Method:

Compliance with the 0.4 lb/hour SO<sub>2</sub> emission limitation shall be demonstrated by the use of AP-42, Chapter 1.6, Table 1.6-2 (9/03) SO<sub>2</sub> emission factor (0.025 lb/million btu), multiplied by the maximum hourly fuel burning capacity of the emissions unit (15 million btu/hr), provided by the permittee.

The TPY emission limitation was developed by multiplying the allowable SO<sub>2</sub> limitation (0.4 lb/hour) by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance shall also be shown with the annual emission limitation.

If required, sulfur dioxide emissions shall be determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

4. Emission Limitation:

VOC emissions shall not exceed 0.3 pound per hour; 1.4 tons per year.

Applicable Compliance Method:

Compliance with the 0.3 lb/hour VOC emission limitation shall be demonstrated by the use of AP-42, Chapter 1.6, Table 1.6-3 (9/03) VOC emission factor (0.017 lb/million btu), multiplied by the maximum hourly fuel burning capacity of the emissions unit (15 million btu/hr), provided by the permittee.

The TPY emission limitation was developed by multiplying the allowable VOC limitation ( 0.3 lb/hour) by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance shall also be shown with the annual emission limitation.

If required, volatile organic compound emissions shall be determined according to test Methods 1 - 4, and 25 or 25a as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

5. Emission Limitation:

NO<sub>x</sub> shall not exceed 0.4 pound per hour; 1.8 tons per year.

Applicable Compliance Method:

Compliance with the 0.4 lb/hour NO<sub>x</sub> emission limitation shall be demonstrated by the use of AP-42, Chapter 1.6, Table 1.6-2 (9/03) NO<sub>x</sub> emission factor (0.022 lb/million btu), multiplied by the maximum hourly fuel burning capacity of the emissions unit (15 million btu/hr), provided by the permittee.

The TPY emission limitation was developed by multiplying the allowable NO<sub>x</sub> limitation ( 0.4 lb/hour) by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance shall also be shown with the annual emission limitation.

If required, nitrogen oxide emissions shall be determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

6. Emission Limitation:

CO emissions shall not exceed 9.0 pounds per hour; 39.5 tons per year.

Applicable Compliance Method:

Compliance with the 9 lb/hour CO emission limitation shall be demonstrated by the use of AP-42, Chapter 1.6, Table 1.6-2 (9/03) CO emission factor (0.60 lb/million btu), multiplied by the maximum hourly fuel burning capacity of the emissions unit (15 million btu/hr), provided by the permittee.

The TPY emission limitation was developed by multiplying the allowable CO limitation ( 9.0 lb/hour) by the maximum annual hours of operation (8,760 hours), and then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance shall also be shown with the annual emission limitation.

If required, carbon monoxide emissions shall be determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

**F. Miscellaneous Requirements**

None.