

1

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

**GENERAL PERMIT CONDITIONS**

**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 SOURCES**

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 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

2

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

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 applicable standards.

### **PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 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.

3

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

### **PERMIT TO OPERATE APPLICATION**

A Permit to Operate application 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 filed no later than thirty days after commencement of operation.

### **SOURCE OPERATION 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 and regulations.

4

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Berlin Wood Products Inc** located in **Holmes** County. The emissions units 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.

| Ohio<br>EPA<br>Source<br>Number | Source<br>Identification<br>Description                               | BAT<br>Determination                                   | Applicable<br>Federal &<br>OAC Rules | Permit Allowable<br>Mass Emissions<br>and/or<br>Control/Usage<br>Requirements      |
|---------------------------------|---|--|--------------------------------------|--|
| R003                            | Flow-coating system for coating wooden parts with water-based lacquer | Use of a non-photochemically reactive coating material | 3745-31-05<br><br>3745-21-07 (G) (2) | 1.0 lbs OC/hr<br>24 lbs OC/day<br>4.6 TPY OC<br><br>Less stringent than BAT limit. |

SUMMARY

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

| <u>Pollutant</u>  | <u>Tons/Year</u> |
|-------------------|------------------|
| organic compounds | 4.6 TPY          |

WASTE DISPOSAL

6

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

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) 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 **Ohio EPA Northeast District Office, 2110 E. Aurora Road, Twinsburg, Ohio 44087.**

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**

##### **A. Description**

PTI application 02-12574 is for the installation of a flow-coating system for coating wooden wheelbarrow handles with water-based lacquer (emissions unit R003).

##### **B. Operational Restrictions**

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA field office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control

requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information for each day for the coating operation:
  - a. the company identification for each coating material employed;
  - b. the number of gallons of each coating material employed;
  - c. the organic compound (OC) content of each coating material, in lbs/gallon;
  - d. the total OC emission rate for all coatings, in lbs/day;
  - e. the total number of hours the emissions unit was in operation; and,
  - f. the average hourly OC emission rate for all coatings, i.e., (d)/(e), in lbs/hr.

**D. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports which include the following information:

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

- a. an identification of each hour during which the average OC emissions from the coatings exceeded 1.0 lbs/hr, and the actual average OC emissions for each such day; and,
  - b. an identification of each day during which the OC emissions from the coatings exceeded 24 lbs/day, and the actual OC emissions for each such day.
2. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

**E. Testing Requirements**

1. Compliance with emission limitation shall be determined in accordance with the following methods:
  - a. Emission Limitation-  
1.0 lbs OC/hr  
  
Applicable Compliance Method-  
Compliance shall be based on the record keeping requirements as specified in term C.1.
  - b. Emission Limitation-  
24 lbs OC/day  
  
Applicable Compliance Method-  
Compliance shall be based on the record keeping requirements as specified in term C.1.
  - c. Emission Limitation-  
4.6 TPY of OC  
  
Applicable Compliance Method-  
Compliance shall be based on the record keeping requirements as specified in term C.1 and shall be the sum of the 365 daily emission rates for the calendar year.
2. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings.

9

Facility Name: **Berlin Wood Products Inc**

Application Number: **02-2574**

Date: **November 23, 1998**

**F. Miscellaneous Requirements**

None.