

Mr. Rick Hampton
Indiana Hardwoods
Highway 62 West, Box 39
Chandler, IN 47610

Dear Mr. Hampton:

Re: Exempt Construction and Operation Status,
173-11284-00005

The application from Indiana Hardwoods, received on August 24, 1999, and additional information received on December 10, 1999, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-1.1-3, it has been determined that the following Hardwood Veneer Spray Glue Booth, to be located at Highway 62 West, Chandler, Indiana, is classified as exempt from air pollution permit requirements:

A Hardwood Veneer Spray Glue Booth, with a maximum capacity of ten (10) ounces of glue sprayed per hour and a maximum capacity of 105 linear feet of veneer sprayed per hour, utilizing dry filters as a control device, and exhausting to a stack identified as glue booth 1.

The Hardwood Veneer Spray Glue Booth has the following applicable rules or conditions:

326 IAC 6-3-2 (Process Operations)

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) overspray from the Hardwood Veneer Spray Glue Booth shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

For a process weight rate of less than 100 lbs/hour the maximum allowable rate of emission is 0.551 lbs/hr.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%), any one (1) six (6) minute averaging period as determined by 326 IAC 5-1-4,
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A,

Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

This existing source has been issued one SSOA (173-10203-00005) on October 28, 1998, in addition a Construction Permit/SSOA approval (173-11641-00005) is pending issuance. All applicable rules and requirements from the SSOA and Construction Permit/SSOA will be in effect for all of the equipment located at the source.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Management (OAM) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

GLR

cc: File - Warrick County
Air Compliance - Scott Anslinger
Southwest Regional Office
Warrick County Health Department
Permit Tracking - Janet Mobley
Technical Support and Modeling - Michele Boner
Compliance Data Section - Karen Nowak

Calculations:

Hardwood Veneer Glue Spray Booth potential to emit

glue usage: 10 ounces/hour
Assumptions: 100% VOC usage
Conversion factor : 0.0625 converts from ounces to pounds

$$10 \text{ oz/hr} * (0.0625) = 0.625 \text{ lbs/hr}$$

0.625 lb/hr all VOC (assumption)

$$0.625 \text{ lb/hr} * (8760 \text{ hrs/yr}) * (1 \text{ ton/ } 2000\text{lbs}) = \mathbf{2.73 \text{ tons per year VOC}}$$