

3745-21-24

**Flat wood paneling coatings.****(A) Applicability.**

(1) The requirements of this rule shall apply to any facility that meets both of the following criteria:

(a) The facility is located in Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, or Summit county.

(b) The facility has total actual VOC emissions from all flat wood paneling coating lines that are equal to or greater than 15.0 pounds of VOC emissions per day, before the application of capture and control devices.

**(B) Definitions.**

The definitions applicable to this rule are contained in paragraph (FF) of rule 3745-21-01 of the Administrative Code.

**(C) VOC emission control requirements.****(1) VOC content limitations.**

The owner or operator of a facility that is subject to this rule shall not apply any flat wood paneling coating that exceeds the VOC content limitations specified in the table of this rule:

<u>Categories</u>	<u>VOC Limitations (lbs per gallon, excluding water and exempt solvents)</u>	<u>VOC Limitations (lbs per gallon of solids)</u>
<u>Printed interior panels made of hardwood, plywood, or thin particleboard.</u>	<u>2.1</u>	<u>2.9</u>
<u>Natural finish hardwood plywood panels.</u>	<u>2.1</u>	<u>2.9</u>
<u>Class 2 finishes on hardboard panels.</u>	<u>2.1</u>	<u>2.9</u>
<u>Tileboard.</u>	<u>2.1</u>	<u>2.9</u>
<u>Exterior siding.</u>	<u>2.1</u>	<u>2.9</u>

(2) As an alternative to the VOC emission limitations specified in the table of this rule a facility may choose to vent all VOC emissions to a control device with

a minimum overall control efficiency of ninety per cent, by weight.

(D) Application equipment requirements.

A person or facility shall not apply coatings to wood products subject to the provisions of this rule unless the coating is applied with properly operating equipment, in accordance with proper operating procedures, and by the use of one of the following methods:

- (1) Electrostatic application;
- (2) High volume, low pressure (HVLP) spray;
- (3) Hand roller;
- (4) Flow coat;
- (5) Roll coater;
- (6) Dip coat;
- (7) Paint brush; or
- (8) Detailing or touch-up guns.

(E) Work practice standards.

Any person or facility using VOC-containing materials in any flat wood paneling coating line shall ensure that VOC emissions are minimized by incorporating the following procedures:

- (1) Store all VOC coatings, thinners, and cleaning materials in closed containers;
- (2) Minimize spills of VOC containing coatings and thinners, and cleanup any spills immediately;
- (3) Convey any coating, thinners, and cleaning materials in closed containers or pipes; and
- (4) Keep mixing vessels that contain VOC coatings or other materials closed except when specifically in use.
- (5) Minimize emissions of VOC during cleaning of storage, mixing and conveying equipment.

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CERTIFIED ELECTRONICALLY

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Certification

03/23/2009

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Date

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