

(jj) VOC Emissions from Surface Coating of Flat Wood Paneling.

1. No person shall cause, let, permit, suffer, or allow the emissions of VOC from surface coating of flat wood paneling to exceed:

(i) 6.0 pounds per 1000 square feet of coated finished product from printed interior panels, regardless of the number of coats applied;

(ii) 12.0 pounds per 1000 square feet of coated finished product from natural finish hardwood plywood panels, regardless of the number of coats applied; and

(iii) 10.0 pounds per 1000 square feet of coated finished product from Class II finishes on hardboard panels, regardless of the number of coats applied.

2. The emission limits in this subparagraph shall be achieved by:

(i) the application of low solvent coating technology where the 24-hour of all coatings on a single coating line or operation meets the limits stated in subparagraph 1. of this subparagraph; averaging across lines is not allowed; or

(ii) control equipment, including but not limited to incineration, carbon adsorption and condensation, with a capture system approved by the Director, provided that 90 percent of the nonmethane volatile organic compounds which enter the control equipment are recovered or destroyed, and that overall VOC emissions do not exceed the limits stated in subparagraph 1. of this subparagraph.

(iii) control equipment demonstrated to have control efficiency equivalent to or greater or VOC emissions equal to or less than required in (i) or (ii) of this subparagraph and approved by the Director.

3. No person shall cause, let, permit, suffer, or allow the emissions of VOC from the inks, coatings, and adhesives used by flat wood paneling coating facilities to exceed:

(i) 2.1 lbs VOC per gallon (250 grams per liter) of coating, excluding water, and exempt compounds, or

(ii) 2.9 lbs VOC per gallon (350 grams per liter) of solids.

4. Averaging across lines for the VOC limits in subparagraph 3. is not permitted.

5. Should product performance requirements or other needs dictate the use of higher VOC coatings, than those specified in subparagraph 3., add-on control equipment with an overall control efficiency of 90% may be used as an alternative.

6. Each owner or operator of a facility that manufactures flat wood paneling shall comply with the following work practice standards:

(i) store all VOC-containing materials in closed containers;

(ii) ensure that mixing and storage containers used for VOC-containing materials are kept closed at all times except when depositing or removing these materials;

(iii) minimize spills of VOC-containing materials; and

(iv) convey VOC-containing materials from one location to another in closed containers or pipes.

7. For the purpose of this subparagraph, the following definitions also apply:

(i) "Class II hardboard paneling finish" means finishes which meet the specifications of Voluntary Product Standard PS-59-73 as approved by the American National Standards Institute.

(ii) "Coating application system" means all operations and equipment which apply, convey, and dry a surface coating, including, but not limited to, spray booths, flow coaters, conveyers, flashoff areas, air dryers and ovens.

(iii) "Flat wood paneling" means both interior and exterior panels used in construction and typically include decorative interior panels, exterior siding and tileboard. Flat wood paneling includes hardboard, hardwood plywood, natural finish hardwood plywood panels, printed interior panels, thin particleboard and tileboard.

(iv) "Hardboard" is a panel manufactured primarily from interfelted lignocellulosic fibers which are consolidated under heat and pressure in a hot press.

(v) "Hardwood plywood" is plywood whose surface layer is a veneer.

(vi) "Natural finish hardwood plywood panels" means panels whose original grain pattern is enhanced by essentially transparent finishes frequently supplemented by fillers and toners.

(vii) "Thin particleboard" is a manufactured board 1/4 inch or less in thickness made of individual wood particles which have been coated with a binder and formed into flat sheets by pressure.

(viii) "Tileboard" means paneling that has a colored waterproof surface coating.

(ix) "Printed interior panels" means panels whose grain or natural surface is obscured by fillers and basecoats upon which a simulated grain or decorative pattern is printed.

8. Applicability. Prior to January 1, 2015, the requirements of this subparagraph (jj) shall apply to facilities at which the actual emissions of volatile organic compounds from the surface coating of flat wood paneling equal or exceed 15 pounds per day and are located in Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale Counties as follows:

(i) All applicable facilities shall comply with the provisions of subparagraphs 1., 2., and 7.

9. Applicability. Prior to January 1, 2015, the requirements of this subparagraph (jj) shall apply to facilities at which the potential emissions of volatile organic compounds from the surface coating of flat wood paneling equal or exceed 100 tons per year and are located outside the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale Counties as follows:

(i) All applicable facilities shall comply with the provisions of subparagraphs 1., 2., and 7.

10. Applicability. On and after January 1, 2015, the requirements of this subparagraph (jj) shall apply to facilities at which actual emissions of volatile organic compounds from the surface coating of flat wood paneling, before controls, equal or exceed 15 pounds per day (or 2.7 tons per 12-month rolling period) for facilities located in Barrow, Bartow, Carroll, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Hall, Henry, Newton, Paulding, Rockdale, Spalding, and Walton Counties as follows:

(i) All applicable facilities shall comply with the provisions of subparagraphs 3., 4., 5., 6., and 7.

(ii) Any physical or operational changes that are necessary to comply with the provisions specified in subparagraphs 3., 4., 5., or 6. are subject to the compliance schedule specified in subparagraph 13.

11. Applicability. On and after January 1, 2015, the requirements of this subparagraph (jj) shall apply to facilities at which potential emissions of volatile organic compounds from the surface coating of flat wood paneling equal or exceed 100 tons per year and are located outside of counties of Barrow, Bartow, Carroll, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Hall, Henry, Newton, Paulding, Rockdale, Spalding, and Walton Counties as follows:

(i) All applicable facilities shall comply with the provisions of subparagraphs 1., 2., and 7.

12. Applicability. The requirements of subparagraphs 10. and 11. will no longer be applicable by the compliance deadlines if the counties specified in those subparagraphs are re-designated to attainment for the 1997 National Ambient Air Quality Standard for ozone prior to January 1, 2015 and such counties continue to maintain that Standard thereafter. Instead, the provisions of subparagraphs 8. and 9. will continue to apply on and after January 1, 2015. In the event the 1997 National Ambient Air Quality Standard for ozone is violated in the specified counties, the requirements of subparagraphs 10. and 11. will only be reinstated if the Director determines that the measure is necessary to meet the requirements of the contingency plan.

13. Compliance Schedule:

(i) An application for a permit to construct and operate volatile organic compound emission control systems and/or modifications of process and/or coatings used must be submitted to the Division no later than **July 1, 2014**.

(ii) On-site of construction of emission control systems and/or modification of process or coatings must be completed by **November 1, 2014**.

(iii) Full compliance with the applicable requirements specified in subparagraph 10.(i) must be completed before **January 1, 2015**.