



Flakeboard Compliance with CARB Phase 2 Emissions

In April 2007, the California Air Resources Board voted to implement limitations for formaldehyde emissions that will apply to composite panels including particleboard and medium density fiberboard (MDF). The regulation will be applied in two phases and will also affect the products that are manufactured from composite panels (such as cabinets, store fixtures, flooring, molding, millwork, etc.) that are sold, supplied, offered for sale, or manufactured for sale in California.

With regards to this regulation, all particleboard and MDF manufactured by Flakeboard mills is certified by the Composite Panel Association (CPA), an approved CARB third party certifier (TPC-1), to comply with the applicable CARB Phase 2 emission standard specified in CCR 93120.2(a).

Flakeboard is also certified to EPP CPA 3-08 emission limits.

Product labeling (particleboard or MDF unit /bundle tags) and a statement of compliance (stated on each invoice and bill of lading) indicates the products are certified by CARB approved third party certifier TPC-1 to comply with the applicable CARB Phase 2 emission standard shown in the tabulation below:

Phase 1 and Phase 2 Formaldehyde Emission Standards for Hardwood Plywood (HWPW), Particleboard (PB), and Medium Density Fiberboard (MDF) ¹			
Effective Date	Phase 1 (P1) and Phase 2 (P2) Emission Standards (ppm)		
	PB	MDF	Thin MDF
January 1, 2009	P1: 0.18	P1: 0.21	P1: 0.21
January 1, 2011	P2: 0.09	P2: 0.11	
January 1 2012			P2: 0.13

⁽¹⁾ Based on the primary test method [ASTM E1333-96(2002)] in parts per million (ppm).
HWPW-VC = veneer core; HWPW-CC = composite core.

Flakeboard is pleased to be CARB Phase 2 Certified in advance of the January 1, 2011 implementation date at the following mills:

- St. Stephen, NB – Fibrex® and Particleboard
- Sault Ste. Marie – MDF
- Bennettsville, SC – Particleboard
- Bennettsville, SC – MDF
- Malvern, AR - MDF
- Simsboro, LA – Particleboard
- Albany, OR – Duraflake Particleboard
- Eugene, OR - MDF



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For further information, please visit:

CARB: <http://www.arb.ca.gov/toxics/compwood/compwood.htm>

Composite Panel Association (CPA): www.pbmdf.com, www.carbrule.org

Flakeboard: www.flakeboard.com

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