

FORM WC100
WOOD PRODUCTS COATING OPERATIONS

Business License Name of organization that is to receive permit: _____

Facility began operation: _____ Month _____ Day _____ Year

Anticipated start date: _____ Estimated completion date: _____

My painting operation is Always in a booth Always outside a booth A combination

If a paint spray booth is used, fill in the following:

Booth Manufacturer: _____

Model Number: _____

Serial Number: _____

Booth outside dimensions: _____ wide x _____ high x _____ deep

Paint spray booth exhaust control: _____ waterwash Horsepower of pump _____
_____ dry filters

Number of exhaust fans: _____ Horsepower of each fan: _____

Is a pressure differential gauge installed on booth? Yes No MFG recommended range _____

Type of coating application method:

_____ electrostatic _____ HVLP _____ LVLP _____ Brush or Roll Coating _____ Dip or Flow Coat

_____ Air assisted airless (*for touch-up and repair only*)

_____ other (describe and provide proof that it has received approval from the Air Pollution Control Officer, as per SMAQMD Rule 463, Section 301.9)

This information will be used to determine the maximum emission levels to be imposed in the permit conditions:

Operating schedule: _____ hours/day _____ days/week _____ weeks/year

Disposition of sprayed items: _____ air dried _____ forced dried

If forced dried, burner fuel type:

_____ electric

_____ natural gas Maximum rating: _____ BTU/hr input Manufacturer's Data: _____ ppm NOx @ 3% O₂

_____ propane Maximum rating: _____ BTU/hr input Manufacturer's Data: _____ ppm NOx @ 3% O₂

Coating and Solvent usage: **COMPLETE NEXT PAGE**

Print name of business person to contact regarding information on this form: _____

Business contact phone number: _____

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This information will be used to determine the maximum emission levels to be imposed in the permit conditions.

COATING USAGE

List total maximum expected usage by coating type. (See attached definitions of Wood Products Coating Types)

COATING TYPE	PRODUCT CODE AND MANUFACTURER	MAXIMUM EXPECTED USAGE (A) Coatings "As Applied" (B) (gallons/day)
Clear Topcoats		
Conversion Varnish		
Filler		
High-Solid Stain		
Ink		
Mold-Seal Coating		
Multi-Colored Coating		
Sealer		
Low-Solids Stains		
Toner		
Wash Coat		
All Other Coatings		

(A) The maximum expected usage that is submitted will be the maximum usage limit on the Permit to Operate.

(B) "As Applied" includes all components of the product mix: base coating, catalyst, reducer, hardener, retarder, thinner, etc..

SOLVENT USAGE

List solvents and solvent containing products, and total maximum expected usage.

PRODUCT NAME AND MANUFACTURER	TYPE OF USE (A)	MAXIMUM EXPECTED USAGE (B) (gallons/day)

(A) Identify each product as equipment cleanup, surface preparation, or other, (specify).

(B) The maximum expected usage that is submitted will be the maximum usage limit on the Permit to Operate.

SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

WOOD PRODUCTS COATING/MATERIAL TYPE DEFINITIONS

As stated in Sacramento Metropolitan Air Quality Management District Rule 463 – WOOD PRODUCTS COATINGS

COATING/MATERIAL TYPE	DEFINITION
Clear Topcoats	A final coating which contains binders, but not opaque pigments, and is specifically formulated to form a transparent or translucent solid protective film.
Conversion Varnish	A coating comprised of a homogeneous (alkyd-amino resin) liquid which, when acid catalyzed and applied, hardens upon exposure to air or heat, by evaporation and polymerization, to form a continuous film that imparts protective or decorative properties to wood surfaces. When used as a combined sealer/topcoat system, conversion varnish shall not be subject to the VOC limit for sealers, as specified in section 302.
Filler	A preparation used to fill in cracks, grains, etc., of wood before applying a coating.
High-Solid Stain	Stains containing more than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight, and can include wiping stains, glazes, and opaque stains.
Ink	A fluid that contains dyes and/or colorants and is used to make markings, but not to protect surfaces.
Mold-Seal Coating	The initial coating applied to a new mold or repaired mold to provide a smooth surface which, when coated with a mold release coating, prevents products from sticking to the mold.
Multi-Colored Coating	A coating which exhibits more than one color when applied, and which is packaged in a single container and applied in a single coat.
Sealer	A coating, containing binders, which seals the wood prior to application of subsequent coatings.
Low-Solids Stains	Stains containing 454 grams (1 pound) or less of solids per 3.785 liters (1 gallon) or less, by weight.
Toner	A wash coat which contains binders and dyes or pigments to add tint to a coated surface.
Wash Coat	A coating that is used to seal wood surfaces, preventing undesired staining, and control penetration. For the purpose of this rule, washcoats shall be considered low-solids coatings and shall contain less than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight. Wash coats with greater than 454 grams (1 pound) of solids per 3.785 liters (1 gallon), by weight, shall be considered sealers.

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