



GENERAL PROJECT INFORMATION

PLAN CHECK NO. _____ DISTRICT NO _____
JOB ADDRESS _____ CITY _____ ZIP _____

NOTE: Numbers in the parenthesis () refer to sections of the 2017 edition of the County of Los Angeles Green Building Standards Code, Table (T).

INSTRUCTIONS

- The following notes must be included on the plans.

GENERAL REQUIREMENTS

1. Plumbing fixtures and fixture fittings on the plans shall comply with the following flow rates:
 - a. Water Closets – 1.28 GPF
 - b. Urinals – 0.5 GPF
 - c. Wall-mounted urinal – 0.125 GPF
 - d. Single showerhead – 2.0 GPM at 80psi
 - e. Multiple showerheads – 2.0 GPM at 80psi for all combined showerheads
 - f. Lavatory faucets – 1.2 GPM at 60psi
 - g. Lavatory faucets in public use areas – 0.5 GPM at 60psi
 - h. Metering faucets - .25 gallons per cycle
 - i. Kitchen faucets – 1.8 GPM at 60psi (4.303.1)
2. Annular spaces around pipes, electrical cables, conduits, or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry, or a similar method acceptable to the enforcing agency. (4.406.1)
3. Fireplaces shall be direct vent sealed combustion type. Indicate on the plans the manufacturer name and model number. (4.503.1)
4. At the time of rough installation, during storage on the construction site, and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal, or other acceptable methods to reduce the amount of water, dust and debris which may enter the system. (4.504.1)
5. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19% moisture content. Insulation products which are visibly wet or have high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. (4.505.3)
6. All mechanical exhaust fans in rooms with a bathtub or shower shall comply with the following:
 - a. Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building.
 - b. Fans must be controlled by a readily accessible humidistat unless functioning as a component of a whole house ventilation system. Humidity control shall be capable of adjustment between a relative humidity range of 50% and 80%. (4.506.1)
7. Adhesives, sealants and caulks shall meet or exceed the standards outlined in Section 4.504.2.1 and comply with the VOC limits in Tables 4.504.1 and 4.504.2 as applicable. (4.504.2.1)
8. Paints and coatings shall meet or exceed the standards outlined in Section 4.504.2.2 and comply with the VOC limits in Table 4.504.3. (4.504.2.2)
9. Aerosol paints and coatings shall meet or exceed the standards outlined in Section 4.504.2.3. (4.504.2.3)
10. All carpet installed in the building interior shall meet all the testing and product requirements of one of the following:
 - a. Carpet and Rug Institute's Green Label Plus Program OR
 - b. California Department of Public Health Standard Method for the testing of VOC Emissions (Specification 01350) OR
 - c. NSF/ANSI 140 at the Gold Level OR
 - d. Scientific Certifications Systems Indoor Advantage Gold (4.504.3)
11. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label Program. Carpet adhesives shall not exceed a VOC limit of 50 g/L. (4.504.3.1, 4.504.3.2)

12. A minimum of 80% of floor area receiving resilient flooring shall comply with one of the following:

- a. Products certified as a Low-Emitting Material in the CHPS High Performance Products Database, OR
- b. Products certified under UL GREENGUARD Gold (Formerly the Greenguard Children & Schools program), OR
- c. RFCI FloorScore program, OR
- d. Meet the California Department of Public Health Standard Method for the testing of VOC Emissions (Specification 01350)

(4.504.4)

13. Composite wood products (hardwood plywood, particle board, and MDF) installed on the interior or exterior of the building shall meet or exceed the standards outlined in Table 4.504.5. Verification of compliance with these sections must be provided at the time of inspection.

(4.504.5)

TABLE 4.504.3/TABLE 5.504.4.3 VOC CONTENT LIMITS FOR ARCHITECTURAL COATING ^{2,3} Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds			
COATING CATEGORY	VOC LIMIT	COATING CATEGORY	VOC LIMIT
Flat coatings	50	Magnesite cement coatings	450
Nonflat coatings	100	Mastic texture coatings	100
Nonflat high-gloss coatings	150	Metallic pigmented coatings	500
SPECIALTY COATINGS		Multi-color coatings	250
Aluminum roof coating	400	Pretreatment wash primers	420
Basement specialty coatings	400	Primers, sealers, and undercoaters	100
Bituminous roof coatings	50	Reactive penetrating sealers	350
Bituminous roof primers	350	Recycled coatings	250
Bond breakers	350	Roof coatings	50
Concrete curing compounds	350	Rust preventative coatings	250
Concrete/masonry sealers	100	Shellacs:	
		Clear	730
		Opaque	550
Driveway sealers	50	Specialty primers, sealers and undercoaters	100
Dry fog coatings	150	Stains	250
Faux finishing coatings	350	Stone consolidants	450
Fire resistive coatings	350	Swimming pool coatings	340
Floor coatings	100	Traffic marking coatings	100
Form-release compounds	250	Tub and tile refinish coatings	420
Graphic arts coatings (sign paints)	500	Waterproofing membranes	250
High-temperature coatings	420	Wood coatings	275
Industrial maintenance coatings	250	Wood preservatives	350
Low solids coatings ¹	120	Zinc-rich primer	340

1. Grams of VOC per liter of coating, including water and including exempt compounds.
 2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the table.
 3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board.

TABLE 4.504.5/TABLE 5.504.4.5 FORMALDEHYDE LIMITS ¹ Maximum Formaldehyde Emissions in Parts per Million	
PRODUCT	CURRENT LIMIT
Hardwood plywood veneer core	0.05
Hardwood plywood composite core	0.05
Particleboard	0.09
Medium density fiberboard	0.11
Thin medium density fiberboard ²	0.13
1. Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as tested in accordance with ASTM E 1333. For additional information, see California Code of Regulations, Title 17, Section 93120 through 93120.12.	
2. Thin medium density fiberboard has a maximum thickness 5/16 inch (8mm).	

TABLE 4.504.2/TABLE 5.504.4.2 SEALANT VOC LIMIT Less Water and Less Exempt Compounds in Grams Per Liter	
SEALANTS	VOC LIMIT
Architectural	250
Marine deck	760
Nonmembrane roof	300
Roadway	250
Single-ply roof membrane	450
Other	420
SEALANT PRIMERS	
Architectural	
Nonporous	250
Porous	775
Modified bituminous	500
Marine deck	760
Other	750
Note: For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168.	

TABLE 4.504.1/TABLE 5.504.4.1 ADHESIVE VOC LIMIT ^{1,2} Grams of VOC per Liter of Coating, Less Water and Less Exempt Compounds	
ARCHITECTURAL APPLICATIONS	VOC LIMIT
Indoor carpet adhesives	50
Carpet pad adhesives	50
Outdoor carpet pad adhesives	150
Wood flooring adhesives	100
Rubber floor adhesives	60
Subfloor adhesives	50
Ceramic tile adhesives	65
VCT and asphalt tile adhesives	50
Drywall and panel adhesives	50
Cove base adhesives	50
Multipurpose construction adhesives	70
Structural glazing adhesives	100
Single-ply roof membrane adhesives	250
Other adhesives	50
SPECIALTY APPLICATIONS	
PVC welding	510
CPVC welding	490
ABS welding	325
Plastic cement welding	250
Adhesive primer for plastic	550
Contact adhesive	80
Special purpose contact adhesive	250
Structural wood member adhesive	140
Top and trim adhesive	250
SUBSTRATE SPECIFIC APPLICATIONS	
Metal to metal	30
Plastic foams	50
Porous material (except wood)	50
Wood	30
Fiberglass	80
1. If an adhesive is used to bond dissimilar substrates together, the adhesive with the highest VOC content shall be allowed.	
2. For additional information regarding methods to measure the VOC content specified in this table, see South Coast Air Quality Management District Rule 1168.	