

GREEN BUILDING PRESCRIPTIVE CHECKLIST

NEW CONSTRUCTION, ADDITIONS AND ALTERATIONS R-3 DWELLINGS

These requirements apply to building permits submitted on or after January 1, 2020

Following is a standardized checklist of CALGreen Mandatory Measures that shall be used for additions and alterations required to comply with the green building requirements. Items pre-selected are mandated by CALGreen. Use of the specific checklist shall be submitted with a building permit application. Section 301.1.1 CGBC states Additions and Alterations. [HCD] The Mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.

Green Building Code Acknowledgment

Project Address: _____

Project Description: _____

Building Permit Number: _____

Section 1 – Design Verification:

The designer or design professional has reviewed the plans and certifies the items checked below are hereby incorporated into the project plans and will be implemented into the project in accordance with the requirements set forth in the 2019 California Green Building Code.

Designer/Design Professional Signature Date

Designer/Design Professional Name (Please print) Date

Note: Items that do not apply to your project, please cross out as N/A

Reference	Part of Plan Set Sheet #	Reference	Description	Comments	City Use Only Field Insp. Verification
Residential Energy		CALGreen Mandatory	CALGreen 4.201.1 Energy Efficiency	Compliance with Energy Code in effect is mandatory. Sheets CF-1R and MF-1R are required to be on the plans set.	Initials: Date:
Storm Water Drainage		City Municipal Code	Municipal Code Chapter 9.14 Storm water Management and Discharge Control	The site shall be the minimum requirements for drainage per the City municipal code as outlined by the State Water Board	Initials: Date:
Grading and Paving		CALGreen Mandatory	CALGreen 4.106.3 Grading and paving	Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Exception for additions and alterations which do not alter the existing drainage path.	Initials: Date:
EV Charging for new construction		CALGreen Mandatory	CALGreen 4.106.4 Electric vehicle (EV) charging for new construction	<ul style="list-style-type: none"> ▪ Comply with Section 4.106.4.1, 4.106.4.2, or 4.106.4.3 for future installation and use of EV chargers. ▪ Electric vehicle supply equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625. ▪ Exceptions on a case by case basis as determined by the Local Enforcing Agency. <ul style="list-style-type: none"> – Where there is no commercial power supply. ▪ Verification that meeting requirements will alter the local utility infrastructure design requirements on the utility side of the meter increasing costs to the homeowner/ developer by more than \$400.00 per dwelling unit. ▪ Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional parking facilities.0 	Initials: Date:
EV Charging 1 & 2 family dwelling		CALGreen Mandatory	CALGreen 4.106.4.1 & 4.106.4.1.1 EV charging: one- and two-family dwellings/ townhouses with attached private garages	<ul style="list-style-type: none"> ▪ Install a listed raceway to accommodate a dedicated 208/240-volt branch circuit for each dwelling unit. ▪ Raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). ▪ Raceway shall originate at the main service or subpanel and terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. 	

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				<ul style="list-style-type: none"> ▪ Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. ▪ Service panel and/or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and spaces(s) reserved to permit installation of a branch circuit overcurrent protective device. 	
Single EV space required		CALGreen Mandatory	CALGreen 4.106.4.2.3 Single EV space required	<ul style="list-style-type: none"> ▪ Install listed raceway capable of accommodating a 208/240-volt dedicated branch circuit. ▪ The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). ▪ The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close proximity to the proposed location of the EV space. ▪ Construction documents shall identify the raceway termination point. ▪ The service panel and/or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and spaces(s) reserved to permit installation of a branch circuit overcurrent protective device. 	
Indoor Water Use		CALGreen Mandatory	CALGreen 4.03.1 Plumbing fixtures Water closets Shower heads – single multi heads Faucets	<ul style="list-style-type: none"> ▪ 4.303.1.1 Water closets: The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank -type water closets shall be certified to the performance criteria of the U.S. EPA Water Sense Specification for Tank-type Toilets. ▪ 4.303.1.3.1 Single Showerhead: Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA Water Sense Specification for Showerheads. ▪ 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than one 	Initials: Date:

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				<p>showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.</p> <ul style="list-style-type: none"> ▪ 4.303.1.4.1 Residential lavatory faucets: The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.8 gallons per minute at 20 psi. ▪ 4.303.1.4.2 Lavatory faucets in common and public use areas. The maximum flow rate of lavatory faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 60 psi. ▪ 4.303.1.4.3 Metering faucets. Metering faucets when installed in residential buildings shall not deliver more than 0.2 gallons per cycle. ▪ 4.303.1.4.4 Kitchen faucets. The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi. 	
Standards for plumbing		CALGreen Mandatory	CALGreen 4.303.3 Standards for plumbing fixtures and fittings	Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code.	Initials: Date:
Outdoor water use		CALGreen Mandatory	CALGreen 4.304.1 Outdoor potable water use in landscape areas.	Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Efficient Landscape Ordinance (MWELo), Whichever is more stringent:	Initials: Date:

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Rodent Protection		CALGreen Mandatory	CALGreen 4.406.1 Enhanced Durability and Reduced Maintenance	Rodent proofing. Annular spaces around pipes, electrical cables, conduit 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.	Initials: Date:
Construction waste management		City Municipal Code	Municipal Code Green Building Code section 20.26.270 and Construction and demolition Debris Section 9.21	Construction waste reduction, disposal and recycling/ Each applicant for a regulated project shall comply with the diversion requirements of this section. Compliance with this section shall be a condition of approval for any building or demolition permit issued for a regulated project. Diversion requirement means the recycling or reuse of at least 90 percent of Portland cement concrete and asphalt concrete and at least 75 percent of the remaining construction and demolition debris, or the percentage established by the compliance official for a project pursuant to an exemption, of the total construction and demolition debris.	
Building Maintenance		CALGreen Mandatory	CALGreen 4.410.1 Building Maintenance & Operation	This mandatory feature requires a maintenance manual be provided at the final inspection of the project. The manual shall include 12 points concerning the operation and maintenance of the dwelling.	
Fire Places		CALGreen Mandatory	CALGreen 4.503.1 the installation of factory built fireplaces or stoves	Any installed gas fireplace shall be direct-vent sealed-combustion type. Any installed woodstoves or pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.	
Pollutant Control		CALGreen Mandatory	CALGreen 4.504.1 Covering of duct opening during construction	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, sheet metal or other methods acceptable to the enforcing agency to	

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				reduce the amount of water, dust and debris, which may enter the system.	
Finishes: Adhesives, sealants and caulks		CALGreen Mandatory	CALGreen 4.504.2.1 Adhesives, sealants and caulks	<p>Adhesives, sealants and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply:</p> <ol style="list-style-type: none"> 1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 4.504.1 or 4.504.2, as applicable. Such products shall also comply with Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in Subsection 2 below. 2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of the California Code of Regulations (CCR), Title 17, commencing with Section 94507. 	<p>Initials:</p> <p>Date:</p>
Finishes: Paints and coatings		CALGreen Mandatory	CALGreen 4.504.2.2 Paints and Coatings	Architectural paints and coatings shall comply with VOC limits in Table 1 of the Air Resources Board Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37, of the 2007 California Air Resources Board, Suggested Control Measure, and the	<p>Initials:</p> <p>Date:</p>

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				corresponding Flat, Nonflat, or Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply.	
Finishes: Aerosol paints & coatings		CALGreen Mandatory	CALGreen 4.504.2.3 Aerosol paints and coatings	Aerosol paints and coatings shall meet the Product-Weighted MIR Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Section 94522(e)(1) and (f)(1) of the CCR, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District shall additionally comply with the percent VOC by weight of product limits of Regulation 8, Rule 49.	Initials: Date:
Carpeting systems		CALGreen Mandatory	CALGreen 4.504.3 Carpeting systems	All carpet installed in the building interior shall meet the testing and product requirements of one of the following: 1. Carpet and Rug Institute's Green Label Plus Program. 2. California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01350.) 3. NSF/ANSI 140 at the Gold level. 4. Scientific certifications System Indoor Advantate™ Gold	Initials: Date:
Carpet Cushion		CALGreen Mandatory	CALGreen 4.504.3.1 Carpeting cushion	All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute's Green Label Plus Program.	
Carpet Adhesive		CALGreen Mandatory	CALGreen 4.504.3.2 Carpeting adhesive	All carpet adhesive shall meet the requirements of Table 4.504.1.	
Resilient Flooring Systems		CALGreen Mandatory	CALGreen 4.504.4 Resilient flooring systems	Where resilient flooring is installed, at least 80% of floor area receiving resilient flooring shall comply with one or more of the following: 1. Products compliant with the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version	

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				<p>1.1, February 2010 (also known as Specification 01350), certified as a CHPS Low-Emitting Material in the Collaborative for High Performance Schools (CHPS) High Performance Products Database</p> <p>2. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children & Schools Program)</p> <p>3. Certification under the Resilient Floor Covering Institute (RFCI) FloorScore program</p> <p>4. Meet the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.1, February 2010 (also known as Specification 01350)</p>	
Composite Wood Products		CALGreen Mandatory	CALGreen 4.504.4 Composite wood products	Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the building shall meet the requirements for formaldehyde as specified in the Air Resources Board's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et. seq.), as shown in Table 4.504.5. Documentation is required per Section 4.504.5.1. Definition of Composite Wood Products: Composite wood products include hardwood plywood, particle board, and medium density fiberboard. "Composite wood products" do not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood I-joists, or finger-joined lumber, all as specified in CCR, Title 17, Section 93120.1(a).	
Documentation		CALGreen Mandatory	CALGreen 4.504.5.1 Documentation	<p>Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:</p> <ol style="list-style-type: none"> 1. Product certifications and specifications. 2. Chain of custody certifications. 3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 	<p>Initials:</p> <p>Date:</p>

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				<p>17, Section 93120, <i>et seq.</i>).</p> <p>4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269, European 636 3S and Canadian CSA 0121, CSA 0151, CSA 0153 and CSA 0325 standards.</p> <p>5. Other methods acceptable to the enforcing</p>	
Interior Moisture Control		CALGreen Mandatory	CALGreen 4.505.2 Interior Moisture Control	Vapor retarder and capillary break is installed at slab-on grade foundations	Initials: Date:
Moisture Content of Building Materials		CALGreen Mandatory	CALGreen 4.505.3 Moisture content of building materials	<p>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-percent moisture content. Moisture content shall be verified in compliance with the following:</p> <ol style="list-style-type: none"> 1. Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent moisture verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code. 2. Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end of each piece to be verified. 3. At least three random moisture readings shall be performed on wall and floor framing with documentation acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing. Insulation products which are visibly wet or have a high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. Manufacturers' drying recommendations shall be followed for wet-applied insulation products prior to enclosure 	Initials: Date:
Indoor Air Quality & Exhaust		CALGreen Mandatory	CALGreen 4.506.1 Indoor Air Quality & Exhaust	<p>4.506.1 Bathroom exhaust fans: Each bathroom shall be mechanically ventilated and shall comply with the following:</p> <ol style="list-style-type: none"> 1. Fans shall be ENERGY STAR 	Initials: Date:

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Reference	Part of Plan Set Sheet #	Reference	Description	Comments	City Use Only Field Insp. Verification
				<p>compliant and be ducted to terminate outside the building.</p> <p>2. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidity control.</p> <p>a. Humidity controls shall be capable of manual or automatic adjustment between a relative humidity range of less than 50 percent to a maximum of 80 percent. A humidity control may utilize manual or automatic means of adjustment.</p> <p>b. A humidity control may be a separate component to the exhaust fan and is not required to be integral or built in.</p> <p>Notes: For the purposes of this section, a bathroom is a room which contains a bathtub, shower, or tub/shower combination.</p> <p>Lighting integral to bathroom exhaust fans shall comply with the <i>California Energy Code</i>.</p>	
Environmental Comfort		CALGreen Mandatory	CALGreen 4.507.2 Environmental Comfort	<p>4.507.2 Heating and air-conditioning system design: Heating and air-conditioning systems shall be sized, designed and equipment selected using the following methods:</p> <p>1. The heat loss and heat gain is established according to <i>ANSI/ACCA 2 Manual J-2016 (Residential Load Calculation)</i>, <i>ASHRAE handbooks</i> or other equivalent design software or methods.</p> <p>2. Duct systems are sized according to <i>ANSI/ACCA 1 Manual D-2016 (Residential Duct Systems)</i>, <i>ASHRAE handbooks</i> or other equivalent design software or methods.</p> <p>3. Select heating and cooling equipment according to <i>ANSI/ACCA 3 Manual S-2014 (Residential Equipment Selection)</i> or other equivalent design software or methods.</p> <p>Exception: Use of alternate design</p>	

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				temperatures necessary to ensure the systems function are acceptable.	
Installer and Special Inspector Qualifications		CALGreen Mandatory	CALGreen Installer and special inspector qualifications	<p>SECTION 702 QUALIFICATIONS</p> <p>702.1 Installer training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:</p> <ol style="list-style-type: none"> 1. State certified apprenticeship programs. 2. Public utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. 4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency. <p>702.2 Special inspection. [HCD] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:</p> <ol style="list-style-type: none"> 1. Certification by a national or regional green building program or standard publisher. 2. Certification by a statewide energy consulting or verification 	

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				<p>organization, such as HERS raters, building performance contractors, and home energy auditors.</p> <p>3. Successful completion of a third-party apprentice training program in the appropriate trade.</p> <p>4. Other programs acceptable to the enforcing agency.</p> <p>Notes:</p> <p>1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.</p> <p>2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).</p>	
<p>Installer and Special Inspector Qualifications</p>		<p>CALGreen Mandatory</p>	<p>CALGreen Installer and special inspector qualifications</p>	<p>SECTION 702 QUALIFICATIONS [BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.</p> <p>Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance to this code.</p> <p>SECTION 703 VERIFICATIONS 703.1 Documentation. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the</p>	

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				enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified in the application checklist.	

Table 4.504.1 Adhesive VOC Limit ^{1,2} Less Water and Less Exempt Compounds In Grams per Liter	
Architectural Applications	VOC Limit
Indoor carpet adhesives	50
Carpet pad adhesives	50
Outdoor carpet adhesives	150
Wood flooring adhesive	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 not specifically listed	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.	

Table 4.504.2 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 Porous	250 775
Modified Bituminous	500
Marine deck	760
Other	750

Table 4.504.3 VOC Content Limits for Architectural Coatings ^{2,3} Grams of VOC per Liter of Coating Less Water and Less Exempt Compounds	
Coating Category	VOC Limit
Flat coatings	50
Nonflat coatings	100
Nonflat-high gloss coatings	150
Specialty Coatings	
Aluminum roof coatings	400
Basement specialty coatings	400
Bituminous roof coatings	50
Bituminous roof primers	350
Bond breakers	350
Concrete curing compounds	350
Concrete/masonry sealers	100
Driveway sealers	50
Dry fog coatings	150
Faux finishing coatings	350
Fire resistive coatings	350
Floor coatings	100
Form-release compounds	250
Graphic arts coatings (sign paints)	500
High temperature coatings	420
Industrial maintenance coatings	250
Low solids coatings ¹	120
Magnesite cement coatings	450
Mastic texture coatings	100
Metallic pigmented coatings	500
Multicolor coatings	250
Pretreatment wash primers	420
Primers, sealers and undercoaters	100
Reactive penetrating sealers	350
Recycled coatings	250
Roof coatings	50
Rust preventative coatings	250
Shellacs	
Clear	730
Opaque	550
Specialty primers, sealers and undercoaters	100
Stains	250
Stone Consolidants	450
Swimming pool coatings	340
Traffic marking coatings	100
Tub and tile refinish coatings	420
Waterproofing membranes	250

Table 4.504.3 (cont.)	
Wood preservatives	350
Zinc-rich primers	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 Formaldehyde Limits¹ Maximum Formaldehyde Emissions in Parts per Million	
Product	Current Limit
Hardwood plywood veneer core	0.05
Hardwood plywood composite core	0.05
Particle board	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 E1333. For Additional information, see California Code of Regulations, Title 17, Sections 93120 through 93120.12. 2. Thin medium density fiberboard has a maximum thickness of 5/16 inch (8mm).	

Footnotes/Resources:

1. South Coast Air Quality Management District (SCAQMD) Rule 1113 for Architectural Coatings standards <http://www.aqmd.gov/docs/default-source/rule-book/reg-xi/r1113.pdf>
2. South Coast Air Quality Management District (SCAQMD) Rule 1168 for Adhesive and Sealant Applications standards <https://www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF>
3. Bay Area Air Quality Management District Regulation 8, Rule 49 – Aerosol Paint Products
<http://www.arb.ca.gov/drdb/ba/curhtml/r8-49.htm>
4. Searchable database for California Code of Regulations (See Title 17, Section 94522 for aerosol paints and coatings regulations)
<http://ccr.oal.ca.gov/linkedslice/default.asp?SP=CCR-1000&Action=Welcome>