

2016 California Green Code VOC Self Certify Checklist

FINISH MATERIAL CERTIFICATE – ADHESIVES & SEALANTS

FINISH	WHERE USED (TYPE)	MANUFACTURER	VOC LIMIT (GPL) ^{1,2}	SUB- CONTR. INITIAL
<u>ADHESIVES</u>				
Indoor carpet adhesives			50	
Carpet pad adhesives			50	
Outdoor carpet adhesives			150	
Wood flooring adhesives			100	
Rubber floor adhesives			60	
Subfloor adhesives			50	
Ceramic tile adhesives			65	
VCT and asphalt tile adhesives			50	
Drywall & panel adhesives	Wall Surface		50	
Cove base adhesives	Floor Base		50	
Multi-purpose construction adhesives	Varies		70	
Structural glazing adhesives	Glazing		100	
Single-ply adhesives	Roof		250	
Other adhesive not specifically listed			50	
<u>SPECIALTY APPLICATIONS</u>				
PVC welding			510	
CPVC welding			490	
ABS welding			325	
Plastic cement welding			250	
Adhesive primer for plastic			550	

Contact adhesive			80	
Special purpose contact			250	
Structural wood member			140	
Top and trim adhesive			250	
<u>SUBSTRAIGHT SPECIFIC APPLICATION</u>				
Metal to metal			30	
Plastic foams / porous material			50	
Wood			30	
Fiberglass			80	
<u>SEALANTS & CAULKS</u>				
Architectural			250	
Marine deck			760	
Nonmembrane roof			300	
Roadway			250	
Single-ply roof membrane			450	
Other			420	
<u>SEALANT PRIMERS</u>				
Architectural nonporous porous			250 775	
Modified bituminous			500	
Marine deck			760	
Other			750	

1. (GPL) = Grams per liter
2. Where no local or regional air pollution control or quality management district rules are applicable, use the VOC limits in this table.

Contractor (Documentation Author's /Responsible Designer's Declaration Statement)

- I certify that this Certificate of Compliance documentation is accurate and complete.
- I certify that the features and performance specifications for the design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 11 of the California Code of Regulations.
- The design features identified on this Certificate of Compliance are consistent with the information documented on other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the permit application.

Signature:

Company:

Date:

Address:

License:

City/State/Zip:

Phone:

FINISH MATERIAL CERTIFICATE – ARCHITECTURAL COATINGS

FINISH	WHERE USED (TYPE)	MANUFACTURER	VOC LIMIT (GPL) ¹	SUB- CONTR. INITIAL
<u>PAINTS & COATINGS</u>				
Flat coatings			50	
Nonflatlat coatings			100	
Nonflat high gloass coatings			150	
<u>Specialty coatings</u>				
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 coverings			100	
Form-release compounds			250	
Graphic arts coatings (sign paints)			500	
High-temperature coatings			420	
Industrial maintenance coatings			250	
Low solids coatings ²			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			400/250 ³	
Shellacs: Clear Opaque			730 550	
Specialty primers, sealers and undercoaters			350/100 ³	
Stains			250	
Stone consolidants			450	
Swimming pool coatings			340	
Traffic marking coatings			100	
Tub and tile refinish coatings			420	
Waterproofing membranes			250	
Wood coatings			275	
Wood preservatives			350	
Zinc-rich primers			340	

1. (GPL) = Grams per liter of coating
2. Grams of VOC per liter of coating, including water and including exempt compounds.
3. Effective on January 1, 2012

Contractor (Documentation Author's /Responsible Designer's Declaration Statement)

- I certify that this Certificate of Compliance documentation is accurate and complete.
- I certify that the features and performance specifications for the design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 11 of the California Code of Regulations.
- The design features identified on this Certificate of Compliance are consistent with the information documented on other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the permit application.

Signature:

Company:

Date:

Address:

License:

City/State/Zip:

Phone:

FINISH MATERIAL CERTIFICATE – COMPOSITE WOOD PRODUCTS

FINISH	FORMALDEHYDE LIMITS ¹ (Max. emissions in Parts per Million)	Effective JAN. 1, 2012	Effective JUL. 1, 2012	SUB- CONTR. INITIAL
<u>Composite wood products</u>				
Hardwood plywood veneer core	0.05			
Hardwood plywood composite core	0.08		0.05	
Particle board	0.09			
Medium density fiberboard	0.11			
Thin medium density fiberboard ²	0.21	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 1333-96 (2002). 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 eight millimeters.

Contractor (Documentation Author's /Responsible Designer's Declaration Statement)

- I certify that this Certificate of Compliance documentation is accurate and complete.
- I certify that the features and performance specifications for the design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 11 of the California Code of Regulations.
- The design features identified on this Certificate of Compliance are consistent with the information documented on other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the permit application.

Signature:

Company:

Date:

Address:

License:

City/State/Zip:

Phone:

FINISH MATERIAL CERTIFICATE – FLOORING
(CARPET, CARPET CUSHION & RESILIENT)

FINISH	MANUFACTURER	CERTIFICATION ORGANIZATION	SUB-CONTR. INITIAL
<u>FLOORING</u>			
Carpet 1		Carpet and Rug Institute – Green Label Plus Program	
		Specification 01350	
		NSF/ANSI 140 – Gold	
		Scientific Certification Systems – Sustainable Choice	
Carpet 2		Carpet and Rug Institute – Green Label Plus Program	
		Specification 01350	
		NSF/ANSI 140 – Gold	
		Scientific Certification Systems – Sustainable Choice	
Carpet cushion 1		Carpet and Rug Institute – Green Label Plus Program	
Carpet cushion 2		Carpet and Rug Institute – Green Label Plus Program	
Resilient flooring 1		CHPS Product Registry	
		RFCI – Floor Score Program	
		Greenguard Children & Schools	

Resilient flooring 2		CHPS Product Registry	
		RFCI – Floor Score Program	
		Greenguard Children & Schools	

Contractor (Documentation Author's /Responsible Designer's Declaration Statement)

- I certify that this Certificate of Compliance documentation is accurate and complete.
- I certify that the features and performance specifications for the design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 11 of the California Code of Regulations.
- The design features identified on this Certificate of Compliance are consistent with the information documented on other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the permit application.

Signature:

Company:

Date:

Address:

License:

City/State/Zip:

Phone:

NOTE: This sample form is provided as a tool for enforcing agencies to use in the verification or certification of the mandatory requirements of the CALGreen code. It is intended to provide a method enforcing agencies may use to determine other entities that may provide certification of compliance with various measures in the code.

INSTALLATION CERTIFICATE				RMM 1-A	
Residential Mandatory Measures					
Site Address:				Permit Number:	
PLANNING AND DESIGN					
Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third party <input type="checkbox"/> All	Date	Signature and title of person who verified compliance with measure
Site Development					
4.106.2 A plan is developed and implemented to manage storm water drainage during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.106.3 The site shall be planned and developed to keep surface water away from buildings. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
ENERGY EFFICIENCY					
General					
4.201.1 Low-rise residential buildings shall meet or exceed the minimum standard design required by the 2010 California Energy Code.	See Title 24, Part 6, for compliance forms and necessary documentation required by the 2010 California Energy Code.				
The following section shall be completed by a person with overall responsibility for the planning and design portion of the project.					
DECLARATION STATEMENT <ul style="list-style-type: none"> I certify under penalty of perjury, under the laws of the State of California, the information provided is true and correct. I certify that the installed measures, materials, components, or manufactured devices identified on this certificate conform to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcing agency. 					
Responsible Person's Name:			Responsible Person's Signature:		
Date Signed:		Position/Title:			

INSTALLATION CERTIFICATE

RMM 1-B

Residential Mandatory Measures

Site Address:

Permit Number:

WATER EFFICIENCY AND CONSERVATION

Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency	Installer or Designer	Third party	Date	Signature and title of person who verified compliance with measure
	<input type="checkbox"/> All	<input type="checkbox"/> All	<input type="checkbox"/> All		
4.303.1 Indoor water use shall be reduced by at least 20% using one of the follow methods. 1. Prescriptive Method. Water saving fixtures or flow restrictors shall be used. 2. Performance Method. A 20% reduction in baseline water use shall be demonstrated.	<input type="checkbox"/> Required 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>		
4.303.2 When using the Performance Method specified in Section 4.303.1, multiple showerheads controlled by a single valve shall not exceed maximum flow rates.	<input type="checkbox"/> Required 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>		
4.303.3 Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with specified performance requirements.	<input type="checkbox"/> Required 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>		
Outdoor Water Use					
4.304.1 Automatic irrigation systems installed at the time of final inspection shall be weather- or soil moisture-based.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

The following section shall be completed by a person with overall responsibility for the planning and design portion of the project.

DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided is true and correct.
- I certify that the installed measures, materials, components, or manufactured devices identified on this certificate conform to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcing agency.

Responsible Person's Name:

Responsible Person's Signature:

Date Signed:

Position/Title:

INSTALLATION CERTIFICATE

RMM 1-C

Residential Mandatory Measures

Site Address:

Permit Number:

MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third party <input type="checkbox"/> All	Date	Signature and title of person who verified compliance with measure
Enhanced Durability and Reduced Maintenance					
4.406.1 Annular spaces around pipes, electric cables, conduits, or other openings in 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Construction Waste Reduction, Disposal and Recycling					
4.408.1 A minimum of 50% of the construction waste generated at the site is diverted to recycle or salvage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.408.2 Where a local jurisdiction does not have a construction and demolition waste management ordinance, a construction waste management plan shall be submitted for approval to the enforcing agency. See Section 4.408.2.1 regarding documentation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Building Maintenance and Operation					
4.410.1 An operation and maintenance manual shall be provided to the building occupant or owner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

The following section shall be completed by a person with overall responsibility for the planning and design portion of the project.

DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided is true and correct.
- I certify that the installed measures, materials, components, or manufactured devices identified on this certificate conform to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcing agency.

Responsible Person's Name:

Responsible Person's Signature:

Date Signed:

Position/Title:

INSTALLATION CERTIFICATE

RMM 1-D

Residential Mandatory Measures

Site Address:

Permit Number:

ENVIRONMENTAL QUALITY

Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third party <input type="checkbox"/> All	Date	Signature and title of person who verified compliance with measure
Fireplaces					
4.503.1 Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Pollutant Control					
4.504.1 Duct openings and other related air distribution component openings shall be covered during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.2.1 Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.2.2 Paints, stains and other coatings shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.2.3 Aerosol paints and coatings shall be compliant with product-weighted MIR limits for ROC and other toxic compounds.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.2.4 Documentation shall be provided to verify that compliant VOC limit finish materials have been used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.3 Carpet and carpet systems shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.4 At least 50% of floor area receiving resilient flooring shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.504.5 Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards. See Section 4.504.5.1 regarding documentation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

INSTALLATION CERTIFICATE

RMM 1-D (cont.)

Residential Mandatory Measures

Site Address:

Permit Number:

ENVIRONMENTAL QUALITY (Continued)

Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third party <input type="checkbox"/> All	Date	Signature and title of person who verified compliance with measure
Interior Moisture Control					
4.505.2 Vapor retarder and capillary break is installed at slab-on-grade foundations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.505.3 Moisture content of building materials used in wall and floor framing is checked before enclosure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Indoor Air Quality and Exhaust					
4.506.1 Exhaust fans which terminate outside the building are provided in every bathroom.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Environmental Comfort					
4.507.1 Whole house exhaust fans shall have insulated louvers or covers which close when the fan is off. Covers or louvers shall have a minimum insulation value of R-4.2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.507.2. Duct systems are sized, designed, and equipment is selected using the following methods: 1. Establish heat loss and heat gain values according to ANSI/ACCA 2 Manual J 2004 or equivalent. 2. Size duct systems according to ANSI/ACCA 1 Manual D 2009 or equivalent. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S 2004 or equivalent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

The following section shall be completed by a person with overall responsibility for the planning and design portion of the project.

DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided is true and correct.
- I certify that the installed measures, materials, components, or manufactured devices identified on this certificate conform to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcing agency.

Responsible Person's Name:

Responsible Person's Signature:

Date Signed:

Position/Title

INSTALLATION CERTIFICATE

RMM 1-E

Residential Mandatory Measures

Site Address:

Permit Number:

INSTALLER AND THIRD PARTY QUALIFICATIONS

Feature or Measure	Verification Enforcing Agency to specify entity which will provide certification			Verifications	
	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third party <input type="checkbox"/> All	Date	Signature and title of person who verified compliance with measure
Qualifications					
702.1 HVAC system installers are trained and certified in the proper installation of HVAC systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
702.2 Special inspectors employed by the enforcing agency must be qualified and able to demonstrate competence in the discipline they are inspecting.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Verifications					
703.1 Verification of compliance with this code shall include construction documents, plans, specifications builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

The following section shall be completed by a person with overall responsibility for the planning and design portion of the project.

DECLARATION STATEMENT

- I certify under penalty of perjury, under the laws of the State of California, the information provided is true and correct.
- I certify that the installed measures, materials, components, or manufactured devices identified on this certificate conform to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcing agency.

Responsible Person's Name:

Responsible Person's Signature:

Date Signed:

Position/Title: