

# INSTALLATION CERTIFICATE

# CALGREEN-RMM-1

## 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
<b>Site Development</b>					
<b>4.106.2</b> A plan is developed and implemented to manage storm water drainage during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.106.3</b> 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"/>		

**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: \_\_\_\_\_

### ENERGY EFFICIENCY

#### General

**4.201.1** Low-rise residential buildings shall meet or exceed the minimum standard design required by the California Energy Standards.

See Title 24, Part 6, for compliance forms and necessary documentation required by the California Energy Standards.

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### WATER EFFICIENCY AND CONSERVATION

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	<input type="checkbox"/> All	<input type="checkbox"/> All	<input type="checkbox"/> All		
<b>4.303.1</b> Indoor water use shall be reduced by at least 20% using one of the follow methods. 1. Water saving fixtures or flow restrictors shall be used. 2. A 20% reduction in baseline water use shall be demonstrated.	<input type="checkbox"/> Required 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.303.2</b> When using the calculation method specified in Section 4.303.1, multiple showerheads shall not exceed maximum flow rates.	<input type="checkbox"/> Required 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.303.3</b> 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"/>		
<b>Outdoor Water Use</b>					
<b>4.304.1</b> 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"/>		

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### MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

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<b>Enhanced Durability and Reduced Maintenance</b>					
<b>4.406.1 Joints and openings.</b> 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"/>		
<b>Construction Waste Reduction, Disposal and Recycling</b>					
<b>4.408.1</b> 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"/>		
<b>4.408.2</b> 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"/>		
<b>Building Maintenance and Operation</b>					
<b>4.410.1</b> An operation and maintenance manual shall be provided to the building occupant or owner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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### ENVIRONMENTAL QUALITY

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<b>Fireplaces</b>					
<b>4.503.1</b> 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"/>		
<b>Pollutant Control</b>					
<b>4.504.1</b> Duct openings and other related air distribution component openings shall be covered during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.1</b> Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.2</b> Paints, stains and other coatings shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.3</b> 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"/>		
<b>4.504.2.4</b> Documentation shall be provided to verify that compliant VOC limit finish materials have been used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.3</b> Carpet and carpet systems shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.4</b> 50% of floor area receiving resilient flooring, shall comply with the VOC-emission limits defined in the Collaborative for High Performance Schools (CHPS) Low-emitting Materials List or be certified under the Resilient Floor Covering Institute (RFCI) FloorScore program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.5</b> 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"/>		

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### ENVIRONMENTAL QUALITY (Continued)

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	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
<b>Interior Moisture Control</b>					
<b>4.505.2</b> Vapor retarder and capillary break is installed at slab-on-grade foundations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.505.3</b> Moisture content of building materials used in wall and floor framing is checked before enclosure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Indoor Air Quality and Exhaust</b>					
<b>4.506.1</b> Exhaust fans which terminate outside the building are provided in every bathroom.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Environmental Comfort</b>					
<b>4.507.1</b> 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"/>		
<b>4.507.2.</b> Duct systems are sized, designed, and equipment is selected using the following methods: 1. Establish heat loss and heat gain values according to ACCA Manual J or equivalent. 2. Size duct systems according to ACCA 29-D (Manual D) or equivalent. 3. Select heating and cooling equipment according to ACCA 36-S (Manual S) or equivalent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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### INSTALLER AND THIRD PARTY QUALIFICATIONS

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<b>Qualifications</b>					
<b>702.1</b> HVAC system installers are trained and certified in the proper installation of HVAC systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>702.2</b> 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"/>		
<b>Verifications</b>					
<b>703.1</b> 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"/>		

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