

# Mono County Community Development Department

P.O. Box 3569  
Mammoth Lakes, CA 93546  
(760) 924-1800, fax 924-1801

Building Division  
www.monocounty.ca.gov

P.O. Box 8  
Bridgeport, CA 93517  
(760) 932-5432, fax 932-5431

## 2019 CALGreen INSTALLATION CERTIFICATE

## RMM2

### Residential Mandatory Measures (RMM)

<b>Site Address:</b>					<b>Permit Number:</b>	
Feature or Measure	Enforcing Agency to specify entity which will provide verification				Verification	
	<b>Enforcing Agency</b>  <input type="checkbox"/> All	<b>Installer</b>  <input type="checkbox"/> All	<b>Designer</b>  <input type="checkbox"/> All	<b>Third party</b>  <input type="checkbox"/> All	<b>Date</b>	<b>Signature and title of person who verified compliance with measure</b>
<b>PLANNING AND DESIGN</b>						
<b>Site Development</b>						
<b>4.106.2 Storm water drainage and retention during construction.</b> A plan is developed and implemented to manage storm water drainage during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.106.3 Grading and paving.</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"/>	<input type="checkbox"/>		
<b>4.106.4 Electric vehicle (EV) charging for new construction.</b> Provide capability for electrical vehicle charging in one- and two-family dwellings and in townhouses with attached private garages; and 3 percent of total parking spaces, as specified, for multifamily dwellings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>ENERGY EFFICIENCY</b>						
<b>General</b>						
<b>4.201.1 Scope.</b> Residential buildings shall meet or exceed the minimum standard design required by the 2016 California Energy Code.	See Title 24, Part 6, for compliance forms and necessary documentation required by the 2016 California Energy Code. Applies to low-rise residential, high-rise residential, and hotels/motels.					
<b>WATER EFFICIENCY AND CONSERVATION</b>						
<b>4.303.1.1 Water closets.</b> The effective flush volume of all water closets shall not exceed 1.28 gallons per flush.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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### WATER EFFICIENCY AND CONSERVATION (Continued)

<p><b>4.303.1.2 Urinals.</b> The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<p><b>4.303.1.3.1 Single Showerhead.</b> Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads. Effective July 1, 2018: Showerheads shall have a maximum flow rate of 1.8 gallons per minute at 80 psi.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<p><b>4.303.1.3.2 Multiple showerheads serving one shower.</b> When a shower is served by more than one showerhead, the combined flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 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. Effective July 1, 2018: Combined flow rate shall not exceed 1.8 gallons per minute at 80 psi.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<p><b>4.303.1.4.1 Residential lavatory faucets.</b> 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.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<p><b>4.303.1.4.2 Lavatory faucets in common and public use areas.</b> 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.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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### WATER EFFICIENCY AND CONSERVATION (Continued)

<b>4.303.1.4.3 Metering faucets.</b> Metering faucets when installed in residential buildings shall not deliver more than 0.25 gallons per cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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<b>4.303.1.4.4 Kitchen faucets.</b> 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. Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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### Outdoor Water Use

<b>4.304.1 Outdoor potable water use in landscape areas.</b> After December 1, 2015, new residential developments with an aggregate landscape area equal to or greater than 500 square feet shall comply with one of the following options:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
1. A local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELo), whichever is more stringent, or						
2. Projects with aggregate landscape areas less than 2500 square feet may comply with the MWELo's Appendix D Prescriptive Compliance Option.						

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### MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

#### Enhanced Durability and Reduced Maintenance

**4.406.1 Rodent proofing.** Annular spaces around pipes, electric 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.

#### Construction Waste Reduction, Disposal and Recycling

**4.408.1 Construction waste management.** Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance.

#### Building Maintenance and Operation

**4.410.1 Operation and maintenance manual.** An operation and maintenance manual in compliance with Items 1-10 shall be placed in the building.

**4.410.2 Recycling by occupants.** Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82(a)(2)(A) et seq. will be exempt from the organic waste portion of this section.

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### ENVIRONMENTAL QUALITY

Fireplaces						
<b>4.503.1 General.</b> Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Pollutant Control</b>						
<b>4.504.1 Covering of duct openings and protection of mechanical equipment during construction.</b> Duct openings and other related air distribution component openings shall be covered during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.1 Adhesives, sealants and caulks.</b> Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.2 Paints and coatings.</b> Paints, stains and other coatings shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.2.3 Aerosol paints and coatings.</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"/>	<input type="checkbox"/>		
<b>4.504.2.4 Verification.</b> Documentation shall be provided to verify that VOC limit-compliant finish materials have been used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.3 Carpet systems.</b> Carpet and carpet systems shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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### ENVIRONMENTAL QUALITY (Continued)

<b>4.504.4 Resilient flooring systems.</b> At least 80% of floor area receiving resilient flooring shall be compliant with VOC limits.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.504.5 Composite wood products.</b> Hardwood plywood, particleboard and medium density fiberboard (MDF) used on the interior or exterior of the building shall comply with low formaldehyde emission standards. See Section 4.504.5.1 regarding documentation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Interior Moisture Control</b>						
<b>4.505.2 Concrete slab foundations.</b> Concrete slab-on-grade foundations with vapor retarders shall have a capillary break installed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>4.505.3 Moisture content of building materials.</b> Moisture content of building materials used in wall and floor framing is checked to be 19 percent or less before enclosure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Indoor Air Quality and Exhaust</b>						
<b>4.506.1 Bathroom exhaust fans.</b> Bathrooms shall be mechanically ventilated and ducted to terminate outside the building and comply with Items 1 and 2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Environmental Comfort</b>						
<b>4.507.2. Heating and air conditioning system design.</b> Heating and air conditioning systems shall be 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 - 2011 or equivalent. 2. Size duct systems according to ANSI/ACCA 1 Manual D - 2014 or equivalent. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 or equivalent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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**INSTALLER AND THIRD PARTY QUALIFICATIONS**

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

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The following section shall be completed by a person/persons with overall responsibility for the planning, design and/or construction of the project.

### DECLARATION STATEMENT

#### Section 1 Design Verification

Complete all parts of Section 1 "Design Verification" and submit completed checklist (Columns 1 and 2) with the plans and building permit application to the building department.

The owner, licensed design professional(s), other qualified individual(s), and/or building department plan reviewer have reviewed the plans and understand that the items checked above have been incorporated into the project plans in accordance with the requirements set forth in the 2016 California Green Building Standards Code.

Owner or Responsible Person's Name:

Owner or Responsible Person's Signature:

Date Signed:

Position/Title:

Licensed Design Professional Name:

Licensed Design Professional's Signature:

Date Signed:

Position/Title:

Qualified Individual Name:

Qualified Individual's Signature:

Date Signed:

Position/Title:

Building Department Plan Reviewer:

Building Department Plan Reviewer's Signature:

Date Signed:

Position/Title:

#### Section 2 Implementation Verification

Complete, sign and submit the completed checklist together with all original signatures on Section 2 "Implementation Verification" to the Building Department prior to final inspection.

I have inspected the work and have received sufficient documentation to verify that the project identified above was constructed in accordance with this Residential Mandatory Measures Checklist and in accordance with the requirements set forth in the 2016 California Green Building Standards Code.

Local Building Inspector/s and/or CALGreen Special Inspector/s (where required) Name:

Local Building Inspector/s and/or CALGreen Special Inspector/s Signature:

Date Signed:

Position/Title:

Owner or General Contractor Name:

Owner or General Contractor's Signature:

Date Signed:

Position/Title: