

CALGreen 2010: Residential Mandatory Measures

FEATURES OR MEASURES	LEVEL	VERIFICATIONS CITY OF PALMDALE TO SPECIFY VERIFICATION METHOD		
	Mandatory	Enforcing Agency <input type="checkbox"/> All	Installer or Designer <input type="checkbox"/> All	Third Party <input type="checkbox"/> All
PLANNING AND DESIGN				
Site Development				
4.106.2 A plan is developed and implemented to manage storm water drainage during construction.	<input type="checkbox"/>	<input type="checkbox"/> Engineering	<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"/> Engineering	<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 California Energy Standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WATER EFFICIENCY AND CONSERVATION				
Indoor Water Use				
4.303.1 Indoor water use shall be reduced by at least 20 percent using one of the following methods. 1. Water saving fixtures or flow restrictors shall be used. 2. A 20 percent reduction in baseline water use shall be demonstrated.	<input type="checkbox"/> 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.303.2 When using the calculation method specified in Section 4.303.1, multiple showerheads shall not exceed maximum flow rates.	<input type="checkbox"/> 7/01/2011	<input type="checkbox"/>	<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"/> 7/01/2011	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Water Use				
4.304.1 Automatic irrigation systems controllers installed at the time of final inspection shall be weather or soil moisture-based.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MATERIAL CONSERVATION AND RESOURCE EFFICIENCY				
Enhanced Durability and Reduced Maintenance				
4.406.1 Joints and openings. 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 similar method acceptable to the enforcing agency.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction Waste Reduction, Disposal and Recycling				
4.408.1 A minimum of 50 percent of the construction waste generated at the site is diverted to recycle or salvage.	<input type="checkbox"/>	<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.	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>
ENVIRONMENTAL QUALITY				
Fireplaces				
4.503.1 Any installed gas fireplace shall be direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with US EPA Phase II emission limits where applicable. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>

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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"/>	<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"/>	<input type="checkbox"/>
4.504.2.3 Aerosol paints and coatings shall be compliant with product weighted MIR limits for VOC and other toxic compounds.	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>
4.504.3 Carpet and carpet systems shall be compliant with VOC limits				
4.504.4 50 percent 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) Floor Score program.	<input type="checkbox"/>	<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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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"/>	<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"/>	<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"/>	<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"/>	<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 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"/>	<input type="checkbox"/>
INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS				
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"/>	<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"/>	<input type="checkbox"/>
Verifications				
703.1 Verification of compliance with this code may include construction documents, plans and 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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