

## 2010 CALGreen Residential Mandatory Measures Checklist

July 1, 2011

Feature or Measure	Required
<b>PLANNING AND DESIGN</b>	
<b>Site Development (4.106)</b>	
Storm water drainage management shall be implemented during construction.	
<b>WATER EFFICIENCY AND CONSERVATION</b>	
<b>Indoor Water Use (4.303)</b>	
Indoor water use shall be reduced by at least 20% using one of the following methods. 1. Water saving fixtures or flow restrictors shall be used. 2. A 20% reduction in baseline water use shall be demonstrated.	
When using the calculation method specified in Section 4.303.1, multiple showerheads shall not exceed maximum flow rates.	
Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with specified performance requirements.	
<b>Outdoor Water Use (4.304)</b>	
Automatic irrigation systems controllers installed at the time of final inspection shall be weather-based.	
<b>MATERIAL CONSERVATION AND RESOURCE</b>	
<b>Enhanced Durability and reduced Maintenance (4.406)</b>	
<b>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 similar method acceptable to the enforcing agency.	
<b>Construction Waste Reduction, Disposal and Recycling (4.408)</b>	
A minimum of 60% of the construction waste generated at the site is diverted to recycle or salvage. This is achieved either by using City pre-certified landfills or implementation of a waste management plan. Waste management plan shall be pre-approved by Environmental Services Department.	
<b>Building Maintenance and Operation (4.410)</b>	
An operation and maintenance manual shall be provided to the building occupant or owner.	
<b>ENVIRONMENTAL QUALITY</b>	
<b>Pollutant Control (4.504)</b>	
Duct openings and other related air distribution component openings shall be covered during construction.	
Adhesives, sealants and caulks shall be compliant with VOC and other toxic compound limits.	
Paints, stains and other coatings shall be compliant with VOC limits.	
Aerosol paints and coatings shall be compliant with product weighted MIR limits for VOC and other toxic compounds.	
Carpet and carpet systems shall be compliant with VOC limits.	
Documentation shall be provided to the City building inspector verifying that compliant VOC limit finish materials have been used.	
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 (RCFI) FloorScore program.	
Particleboard, medium density fiberboard (MDF), and hardwood plywood used in interior finish systems shall comply with low formaldehyde emission standards.	
<b>Interior Moisture Control (4.505)</b>	
Vapor retarder and capillary break is installed at slab on grade foundations.	
Moisture content of building materials used in wall and floor framing is checked before enclosure.	

# 2010 CALGreen Residential Mandatory Measures Checklist (Cont'd)

7/1/2011

Feature or Measure	Required
<b>ENVIRONMENTAL QUALITY (cont'd)</b>	
<b>Environmental Comfort (4.507)</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.	
Duct systems are sized, designed, and equipment is selected using the following methods: <ol style="list-style-type: none"> <li>1. Establish heat loss and heat gain values according to Air Conditioning Contractors of America (ACCA) Manual J or equivalent.</li> <li>2. Size duct systems according to ACCA 29-D (Manual D) or equivalent.</li> <li>3. Select heating and cooling equipment according to ACCA 36-S (Manual S) or equivalent.</li> </ol>	
<b>INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS</b>	
<b>Qualifications (702)</b>	
HVAC system installers are trained and certified in the proper installation of HVAC systems.	
<b>Verifications (703)</b>	
Verification of compliance with this code may include construction documents, plans specifications builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which show substantial conformance.	