

California Green Building Standards Code Nonresidential Mandatory Measures - 2010 Update

CURRENT

EFFECTIVE July 1, 2012

Planning and Design

Site Development

- Stormwater soil loss prevention plan → Stormwater pollution prevention BMP*
- Bicycle parking → Delete UC reference*
- Designated parking → Clarify stall marking*
- Light pollution reduction → IES 2011 BUG Ratings mandatory as of July 1, 2012
 - Voluntary on April 20, 2011
- Grading and paving → Coordinate BMP with HCD*

Energy Efficiency

- Regulated by the California Energy Commission

Water Efficiency and Conservation

Indoor water Use

- Separate water submeters for high water use → Separate water submeters for subsystems*
- 20% reduction is indoor water use → Clarify prescriptive and performance methods, showerheads and tables*
 - Prescriptive and performance standards

Outdoor water Use

- Water budget → No change*
- Separate submeter for outdoor potable water use → Minor clarifications*
- Weather or soil moisture-based irrigation controllers → Minor clarifications*

Material Conservation and Resource Efficiency

Weather Resistance and Moisture Management

- Exterior weather protection by Title 24 or local ordinance → No change*
- Design for moisture control → No change*
 - Sprinklers
 - Entries and openings

* Also applies to additions and alterations

CURRENT

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Construction Waste Reduction, Disposal and Recycling

- Construction waste reduction of 50%
- Waste management plan required, or meet local ordinance

- Exception for isolated jobsites
- Recycle or reuse 100% of land clearing debris

- No change*
- Same; add options for *
 - Waste management company
 - Waste stream reduction

- No change *
- Same; add exception for contaminated debris*

Building Maintenance and Operation

- Recycling by occupants

- Building commissioning for new buildings 10,000 square feet and over

- Testing and adjusting for buildings less than 10,000 square feet
 - HVAC balancing

- Clarifies application to additional alteration*
- Minor clarifications; add exceptions for
 - Dry warehouses
 - Some tenant improvements
 - Appendix A6 for Sample Compliance Forms & Templates
- Minor clarification *

Environmental Quality

Pollutant Control

- Fireplaces
- Temporary construction ventilation (Voluntary)
- Covering of duct openings and protection of equipment during construction.
- Indoor air quality
 - Finish materials
 - Filters
 - Environmental tobacco smoke
- Indoor moisture control (other codes)
- Indoor air quality (energy code)
 - Ventilation
 - CO₂ monitoring
- Environmental Comfort
 - Exterior noise transmission
 - Interior sound

- Outdoor air quality
 - Ozone depleting chemicals

- No Change*
- If HVAC is used for temporary construction ventilation (replace filters)*

- Minor clarifications*
 - Referenced standards
 - Exception for small, H.E. ductless unit filters
 - Clarification of authority to regulate
- Editorial changes*

- Significant changes*
 - Align with HCD in CBC and general plans; added performance & prescriptive methods
- No Change*

* Also applies to additions and alterations