

# 2013 California Green Building Standards Code Nonresidential Mandatory Measures

## CURRENT

## NEW 2013 CODE\* Effective: January 1, 2014

### Planning and Design

#### Site Development

- Stormwater pollution prevention BMP
- Bicycle parking
- Light pollution reduction
- Grading and paving

- Clarifies that it also applies to additions
- Updated for additions and alterations
- Clarifies that it applies to new construction only
- Exception: for additions and alterations

### Water Efficiency and Conservation

#### Indoor water Use

- Separate water submeters for subsystems
- 20% reduction is indoor water use
  - Prescriptive and performance standards with updated tables

- Clarifies that it also applies to additions
- **New sections:** “Water Reduction”: Comply with reduced flow rate table; “Water conserving plumbing fixtures and fittings”: Prescriptive reduced flow rates for: water closets, Urinals, and Showerheads and
- New Exceptions for performance 20% reduction
- Clarifies that it applies to effected areas of additions and alterations

- Waste water reduction
- Plumbing fixtures and fittings (standards)

- Clarifies that it applies to new construction only
- **New Section:** References the California Plumbing Code

### Material Conservation and Resource Efficiency

#### Weather Resistance and Moisture Management

- Design for moisture control
  - Entries and openings

- Exterior door protection: removed notes and updated requirements

#### Construction Waste Reduction, Disposal and Recycling

- Construction waste reduction of 50%
- Waste management plan requirements
- Exception for isolated jobsites

- Added demolition requirement
- Added demolition requirement
- Removed exception

\* NOTE: If a code section is not listed then no change occurred



## CURRENT

### 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

### Environmental Quality

#### Pollutant Control

- Temporary construction ventilation
- Finish materials
  - Carpet systems
  - Composite wood products
  - Resilient flooring
- Filters requirements for small H.E. ductless units

#### Indoor air quality

- CO<sub>2</sub> monitoring

#### Environmental comfort

- Exterior noise transmission

#### Outdoor air quality

## NEW 2013 CODE\*

- Added clarification for ordinance requirements
- **New Section:** Clarifies requirements
- Clarifies requirements for new construction only
- **Note:** All energy related requirements for Commissioning, OPR & BOD now have a reference to the Energy Code
- **New Section:** Clarifies requirements for new buildings or new systems to serve additions or alterations

- Clarifies requirements for areas of additions or alterations
- Clarifies VOC emissions limits and testing requirements
- Added CA-CHPS to list of approved methods of compliance
- Clarifies the formaldehyde limits in a revised table
- Clarifies VOC emissions limits and testing
- Added CA-CHPS to list of approved methods of compliance
- Clarifies MERV exceptions and added new exception for existing mechanical equipment
- **New section:** Labeling requirements

- Clarifies that it also applies to additions

- Clarifies applications to additions or altered envelope

#### New Sections:

- Supermarket refrigerant leakage reduction: for retail food stores 8,000 square foot or more
- Refrigerant piping: meet California Mechanical Code
- Values: meet California Mechanical Code
- Refrigerated services cases: use corrosion-resistant materials
- Refrigerant receivers: if over 200 lbs, provide level indicator
- Pressure testing: test during installation
- Evacuation: evacuate after pressure testing and prior to charging