



# 2012 CALGreen Supplemental Changes (Mandatory requirements)

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# Non-Res. - Planning and Design

- **Section 5.106.1 Stormwater pollution prevention.** Require BMP's instead of designed plan
- **Section 5.106.4 Bicycle parking.** Delete reference to UC Policy on Sustainable Practices
- **Section 5.106.4 Designated parking.** Marking: "CLEAN AIR/VANPOOL/EV" instead of "CLEAN AIR VEHICLE"

# Non-Res. - Planning and Design

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- **5.106.8 Light pollution reduction.** Revised and moved from voluntary to mandatory, reference to IESNA TM-15-11 2011, TABLE 5.106.8 for allowable BUG ratings
- **5.106.10 Grading and paving.** Provides examples such as swales and french drains

## **Non-Res. - Water Efficiency and Conservation**

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- **5.303.1 Buildings in excess of 50,000 square feet**  
Option for sub-metering of cooling towers, evap coolers and boilers
- **5.303.2 20% reduction in indoor water use.** Include residential lavatory faucets in table and clarification for showerheads.
- **5.303.2.1 Multiple showerheads serving one shower**  
Controlled by a single valve

## **Non-Res. - Material Conservation and Resource Efficiency**

- **5.408 Construction waste reduction, disposal and recycling**
  - New options: Waste management company
  - New option: Waste stream reduction (2 lb/sq. ft.)
  - Exception for contaminated excavated soil and land clearing debris from being re-used or recycled

## Non-Res. - Material Conservation and Resource Efficiency

- **5.410.1 Commissioning.** Exceptions for:
  - Dry warehouses
  - Conditioned accessory under 10,000 sq ft within dry warehouses
  - Initial tenant improvements under 10,000 sq ft

# Non-Res. - Environmental Quality

- **5.504 Pollutant control**
  - **Temporary ventilation.** Use MERV 8 filter if HVAC is used for ventilation during construction
  - **Carpet systems.** Change to one of the referenced standards
  - **Resilient flooring systems.** Change to referenced standards
  - **Filters.** Added exception for return air and return with prefiltered outside air (ductless HP)

# Non-Res. - Environmental Quality

- **5.507.4 Acoustical control**

- STC : Sound transmission class
- OITC : Outdoor-indoor sound transmission class
- CNEL : Community noise equivalent level
- Distance to airports and freeways are removed
- Envelope: STC 50 or OITC 40, Windows: STC 40 (was 30) or OITC 30 for:
  - Within 65 CNEL noise contour of an airport
  - Within 65 CNEL or  $L_{dn}$  noise contour of a freeway, expressway, railroad, industrial or other sources determined by the General Plan
- Buildings exposed to 65 dB where noise contours are not available:
  - Envelope: STC 45 or OITC 35, Windows: STC 40 or OITC 30
- Performance method: provide interior noise environment not exceeding 50 dBA



## **Non-Res. - Additions and Alterations to Existing Buildings**

### **Division 5.7 – Additions and alterations to existing nonresidential buildings**

- July 1, 2012 : 2,000 sq ft additions, \$500,000 alterations
- 2013 Code: 1,000 sq ft additions, \$200,000 alterations
- New Division 5.7
  - “Additions and alterations to existing nonresidential buildings” (State definitions)

## **Non-Res. - Additions and Alterations to Existing Buildings**

- **Notable differences:**
  - **Storm water pollution prevention.** Applies to additions
  - **Bicycle parking.** If 10 or more parking spaces being generated
  - **Designated parking.** If 10 or more parking spaces being generated
  - **Grading and paving.** When drainage path is effected

## Non-Res. - Additions and Alterations to Existing Buildings

- **Notable differences continued:**
  - **Irrigation controller.** Only applied to landscape areas between 1000-2500. May get revised
  - **Recycling by occupant.** Triggered when there is an increase in floor area of 30% or more in 12 month
  - **Testing and adjusting of new systems only (no commissioning)**

## Non Res. - Appendix

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- **New Appendix A6**
  - Commissioning standards
  - Forms ∞

## Residential - Water Efficiency and Conservation

- **4.303.2 Multiple showerheads serving one shower**  
Controlled by a single valve
- **4.408 Construction waste reduction, disposal and recycling**
  - New option: Waste management company
  - New option: Waste stream reduction (4 lb/sq. ft.)
- **Exemption for isolated jobsites was relocated**

# 2012 CALGreen Supplemental Changes

- **4.504 Pollutant control**
  - **Carpet systems.** Change to referenced standards
  - **Resilient flooring systems.** Change to referenced standards
- **4.505.3 Moisture content of building materials**  
Allows equivalent moisture verification methods as approved by AHJ
- **4.506.1 Bathroom exhaust fans.** Humidity control maybe a separate component ∞