



**City of
Santa Clara**
The Center of What's Possible

Building Division: 408-615-2440
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Permit Center: 408-615-2420
Email: PermitCenter@santaclaraca.gov
Automated Inspection Scheduling System: 408-615-2400

2022 CALIFORNIA GREEN BUILDING CODE (CGC) CHECKLIST
ADDITIONS OR ALTERATIONS TO (E) NONRESIDENTIAL BUILDINGS – Effectively July 1st, 2024

Building additions of 1,000 square feet or greater AND/OR building alterations with a permit valuation of \$200,000 or more shall be designed to include the green building measures specified as mandatory in the application checklists for additions or alterations.

BUILDING PERMIT NO.: BLD2
ADDRESS: _____

MANDATORY
MEASURES
SPECIFIED
(Please check
boxes below)

Feature or Measure	Yes
DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES (CGC 5.105)	
Scope. Per CGC 5.105.1, alterations to existing buildings where the combined floor area is 100,000 sq ft or greater OR additions to existing buildings where the total floor area including the existing building(s) is 100,000 sq ft or greater shall comply with either CGC 5.105.2 or 5.409.2 or 5.409.3. Combined addition(s) of two times or more of the area of the existing building(s) is not eligible to meet compliance with CGC 5.105.2.	<input type="checkbox"/>
Reuse of existing building. Alteration or addition to an existing building shall maintain a minimum 45 percent combined of the building's primary structural elements and existing building enclosure, per CGC 5.105.2, with exceptions as noted in this section. Verification of compliance. Documentation to demonstrate compliance shall be provided in the construction documents per CGC 5.105.2.1.	<input type="checkbox"/>
SITE DEVELOPMENT (CGC 5.106)	
Storm water pollution control. Newly constructed additions which disturb less than one acre of land shall prevent the pollution of storm water runoff from the construction activities through local ordinance per CGC 5.106.1.1 or Best Management Practices (BMPs) per CGC 5.106.1.2.	<input type="checkbox"/>
Short-Term bicycle parking. If an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5 percent of new visitor motorized vehicle parking capacity being added, with a minimum of one two-bike capacity rack. Exception: Additions or alteration which add nine or less visitor vehicular parking spaces. (CGC 5.106.4.1.1.)	<input type="checkbox"/>
Long-Term bicycle parking. For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant vehicular parking spaces being added, with a minimum of one bicycle parking facility per CGC 5.106.4.1.3.	<input type="checkbox"/>
Bicycle parking facility requirements. Acceptable bicycle parking facility shall be convenient from the street and shall meet additional requirements of CBC 5.106.4.1.5.	<input type="checkbox"/>
Electric vehicle charging stations (EVCS). EV Capable spaces shall be provided with EVSE to create EVCS in the number required by CGC 5.106.5.3.1, with minimum required Level 2 EVSE as specified in CGC 5.106.5.3.2 and amended by CSC 2023 Reach Code Section 15.38.050. Installation of each Direct Current Fast Charging (DCFC) EVSE shall be permitted to reduce the minimum required Level 2 EVCS spaces in accordance with CSC 2023 Reach Code section 15.38.050 (a) Exception 3 or <i>2022 California Green Code</i> Section 5.106.5.3.2.1 as amended by CSC 2023 Reach Code Section 15.38.050(c), whichever is more stringent. Installation of two low power EV charging receptacles shall be permitted to reduce the minimum required EV Capable spaces in accordance with CGC 5.106.5.3.2.2.	<input type="checkbox"/>
Automatic load management system (ALMS) shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS, CGC 5.106.5.3.3 as amended by CSC 2023 Reach Code Section 15.38.050.	<input type="checkbox"/>

WEATHER RESISTANCE AND MOISTURE MANAGEMENT (CGC 5.407)	
<p>Weather protection. Provide a weather-resistant exterior wall and foundation envelope as required by <i>California Building Code</i> Section 1402.2, manufacturer’s installation instructions or local ordinance, whichever is more stringent per CGC 5.407.1.</p>	<input type="checkbox"/>
<p>Moisture control. Employ moisture control measures by the following methods:</p> <p>Sprinklers. Prevent irrigation spray on structures per CGC 5.407.2.1.</p> <p>Entries and openings. Design exterior entries and openings to prevent water intrusion into buildings by providing exterior door protection per CGC 5.407.2.2.1 and flashing per CGC 5.407.2.2.2 (CGC 5.407.2.2).</p>	<input type="checkbox"/> <input type="checkbox"/>
CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING (CGC 5.408)	
<p>Construction waste diversion. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (CGC 5.408.1).</p> <p>Verification of compliance. A copy of the completed waste management report shall be provided per CGC 5.408.1.4.</p>	<input type="checkbox"/> <input type="checkbox"/>
<p>Universal waste. Additions and alterations to a building or tenant space shall require verification that Universal Waste items are disposed of properly and diverted from landfills per CGC 5.408.2.</p>	<input type="checkbox"/>
<p>Excavated soil and land clearing debris. 100% of trees, stumps, rocks, and associated vegetation and soils resulting primarily from land clearing shall be reused or recycle per CGC 5.408.3.</p>	<input type="checkbox"/>
LIFE CYCLE ASSESSMENT (CGC 5.409)	
<p>Scope. Per CGC 5.409.1, alterations to existing buildings where the combined altered floor area is 100,000 sq ft or more OR additions to existing buildings where the total floor area combined with the existing building is 100,000 sq ft or more shall comply with CGC 5.105.2 or 5.409.2 or 5.409.3.</p>	<input type="checkbox"/>
BUILDING MAINTENANCE AND OPERATION (CGC 5.410)	
<p>Recycling by occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of nonhazardous materials for recycling per CGC 5.410.1.</p> <p>Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site per CGC 5.410.1.1.</p>	<input type="checkbox"/> <input type="checkbox"/>
<p>Testing and adjusting. Testing and adjusting of systems shall be required for new systems to serve an addition or alteration per CGC 5.410.4.</p> <p>Testing and adjustment report. After completion of testing, adjusting and HVAC balancing, provide final report of testing signed by the individual responsible for performing these services per CGC 5.410.4.4.</p> <p>Operation and maintenance manual. Provide the building owner with detailed operating and maintenance instructions and copies of guaranties/warranties for each system prior to final inspection per CBC 5.410.4.5.</p> <p>Inspections and reports. Include a copy of all inspection verifications and reports required by the city per CGC 5.410.4.5.1.</p>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ENVIRONMENTAL QUALITY	
FIREPLACES (CGC 5.503)	
<p>Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the <i>California Energy Code</i>, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall also comply with Santa Clara City Code Chapter 15.65. (CGC 5.503.1)</p> <p>Woodstoves. Woodstoves and pellet stoves shall comply with US EPA New Source Performance Standards (NSPS) emission limits, where applicable, and shall have a permanent label indicating they are certified to meet the emission limits per CGC 5.503.1.1</p>	<input type="checkbox"/>

AIR QUALITY AND EXHAUST (CGC 5.506)	
Outside air delivery. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the <i>California Energy Code</i> or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8, per CGC 5.506.1.	<input type="checkbox"/>
Carbon dioxide (CO₂) monitoring. For buildings equipped with demand control ventilation, CO ₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the <i>California Energy Code</i> , CCR, Section 120(c)(4), per CGC 5.506.2.	<input type="checkbox"/>
ENVIRONMENTAL COMFORT (CGC 5.507)	
Acoustical control. Employ building assemblies and components with STC values determined in accordance with ASTM E90 and ASTM E413 or OITC determined in accordance with ASTM E 1332, using either the exterior noise transmission prescriptive or performance method in Sections 5.507.4.1 or 5.507.4.2. (CGC 5.507.4)	<input type="checkbox"/>
Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public spaces shall have an STC of at least 40 (CGC 5.507.4.3).	<input type="checkbox"/>
OUTDOOR AIR QUALITY (CGC 5.508)	
Ozone depletion and greenhouse gas reductions. Installation of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.	<input type="checkbox"/> As applicable
Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with Section 5.508.2 when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater.	<input type="checkbox"/> As applicable
INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS (CGC 702)	
Installer training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a recognized training or certification program, per CGC 702.1.	<input type="checkbox"/>
Special inspection. Special inspectors employed by the owner or the owner's agent shall be qualified and able to demonstrate competence in the discipline they are inspecting, per CGC 702.2.	<input type="checkbox"/>
VERIFICATION (CGC 703)	
Documentation. Upon request, verification of compliance with the CALGreen code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the building department which will show substantial conformance, per CGC 703.1.	<input type="checkbox"/>

Responsible Designer's Declaration Statement	Contractor Declaration Statement
I hereby certify that this project has been designed to meet the requirements of the 2022 California Green Building Standards Code.	I hereby certify, as the builder or installer under permit listed herein, that this project will be constructed to meet the requirements of the California Green Building Standards Code.
Name:	Name:
Signature:	Signature:
Date:	Date:
Company:	License:
Address:	Address:
City: State: Zip:	City: State: Zip: