

A5.602.1
CALGreen VERIFICATION GUIDELINES
TIER 1 CHECKLIST
2022 CALGreen Code

Application: This checklist shall be used for nonresidential projects that meet one of the following: new construction, building additions of 1,000 square feet or greater, or building alterations with a permit valuation of \$200,000 or more pursuant to Section 301.3 AND are adopting Tier 1 voluntary measures:

Y = Yes (section has been selected and/or included)

N/A = Not Applicable (code section does not apply to the project—mainly used for additions and alterations)

O = Other (provide explanation)

[N] = New construction pursuant to Section 301.3

[A] = Additions and/or Alterations pursuant to Section 301.3

Chapter 5 Divisions

DIVISION 5.1 Planning and Design

(Select one elective from this Division)

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Storm water pollution prevention for projects that disturb less than 1 acre of land	5.106.1 through 5.106.2					
Mandatory	Short-term bicycle parking (with exception)	5.106.4.1.1					
Mandatory	Long-term bicycle parking	5.106.4.1.2 through 5.106.4.1.5					
<i>Tier 1 prerequisite</i>	<i>Designated parking—35% of parking capacity w/ parking stall markings and stall identification</i>	<i>A5.106.5.1, A5.106.5.1.1, A5.106.5.1.3, A5.106.5.1.4</i>					
Mandatory	Electric vehicle (EV) charging [N] w/ exceptions	5.106.5.3					
Mandatory	EV capable spaces [N]	5.106.5.3.1					
Mandatory	Electric vehicle (EV) charging Stations (EVCS)	5.106.5.3.2					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Use of automatic load management systems (ALMS)	5.106.5.3.3					
Mandatory	Accessible EVCS	5.106.5.3.4					
Mandatory	Note for EVCS signs	5.106.5.3.4					
Mandatory	TABLE 5.106.5.3.1 w/ footnotes	5.106.3.1, 5.106.3.2 and 5.106.3.3					
<i>Tier 1 prerequisite</i>	<i>Electric vehicle (EV) charging [N] and TABLE A5.106.5.3.1 w/ footnotes</i>	<i>A5.106.5.3, A5.106.5.3.1</i>					
Mandatory	Electric vehicle (EV) charging: medium-duty and heavy-duty [N]	5.106.5.4					
Mandatory	Electric vehicle charging readiness requirements for warehouses, grocery stores and retail stores with planned off-street loading spaces [N]	5.106.5.4.1					
Mandatory	TABLE 5.106.5.4.1	5.106.5.4 and 5.106.5.4.1					
Mandatory	Light pollution reduction [N] (with exceptions, notes and table)	5.106.8 through 5.106.8.2					
Mandatory	Grading and paving (exception for additions and alterations not altering the drainage path)	5.106.10					
<i>Tier 1 Prerequisite</i>	<i>Cool roof (A5.106.11.2.2): SRI 75 when $\leq 2:12$, SRI 16 when $> 2:12$</i>	<i>A5.106.11.2</i>					
<i>Elective</i>	<i>Community connectivity</i>	<i>A5.103.1</i>					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
<i>Elective</i>	<i>Brownfield or greyfield site redevelopment or infill area development</i>	<i>A5.103.2, A5.103.2.1</i>					
<i>Elective</i>	<i>Reduce development footprint and optimize open space</i>	<i>A5.104.1, A5.104.1.1, A5.104.1.2, A5.104.1.3</i>					
<i>Elective</i>	<i>Disassemble and reuse existing building structure (75%) with exceptions</i>	<i>A5.105.1.1</i>					
<i>Elective</i>	<i>Disassemble and reuse existing nonstructural elements (50%) with exceptions</i>	<i>A5.105.1.2</i>					
<i>Elective</i>	<i>Salvage</i>	<i>A5.105.1.3</i>					
<i>Elective</i>	<i>Storm water design</i>	<i>A5.106.2, A5.106.2.1, A5.106.2.2</i>					
<i>Elective</i>	<i>Low Impact Development (LID)</i>	<i>A5.106.3, A5.106.3.1, A5.106.3.2</i>					
<i>Elective</i>	<i>Changing rooms with note</i>	<i>A5.106.4.3</i>					
<i>Elective</i>	<i>Parking capacity with reduced parking capacity option</i>	<i>A5.106.6, A5.106.6.1</i>					
<i>Elective</i>	<i>Exterior wall shading with fenestration and/or opaque wall area option</i>	<i>A5.106.7, A5.106.7.1, A5.106.7.2</i>					
<i>Elective</i>	<i>Heat island effect</i>	<i>A5.106.11</i>					

DIVISION 5.2 Energy Efficiency

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Meet the minimum energy efficiency standard	5.201.1					
<i>Tier 1 Prerequisite</i>	<i>Energy performance— outdoor lighting power 90% of Part 6</i>	<i>A5.203.1.1.1</i>					
<i>Tier 1 Prerequisite</i>	<i>If applicable, service for water heating in restaurants of 8,000 sf or greater</i>	<i>A5.203.1.1.2</i>					
<i>Tier 1 Prerequisite</i>	<i>Energy budget 95% or 90% of Part 6 calculated value of allowance</i>	<i>A5.203.1.2.1</i>					
<i>Elective</i>	<i>On-site renewable energy (with documentation)</i>	<i>A5.211.1, A5.211.1.1</i>					
<i>Elective</i>	<i>Green power</i>	<i>A5.211.3</i>					
<i>Elective</i>	<i>Elevators with car lights and fan</i>	<i>A5.212.1.1, A5.212.1.1.1</i>					
<i>Elective</i>	<i>Escalators</i>	<i>A5.212.1.2</i>					
<i>Elective</i>	<i>Controls that reduce energy</i>	<i>A5.212.1.4</i>					
<i>Elective</i>	<i>Steel framing</i>	<i>A5.213.1</i>					

DIVISION 5.3 Water Efficiency and Conservation

(Select one elective from this Division)

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Separate meters (new buildings or additions > 50,000 sf that consume more than 100 gal/day)	5.303.1.1					
Mandatory	Separate meters (for tenants in new buildings or additions that consume more than 1,000 gal/day)	5.303.1.2					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
<i>Tier 1 Prerequisite</i>	<i>Water reduction Tier 1—12% savings over the “water use baseline” in Table A5.303.2.2 or meet TableA5.303.2.3.1</i>	A5.303.2.3.1					
Mandatory	Water closets shall not exceed 1.28 gallons per flush (gpf)	5.303.3.1					
Mandatory	Wall-mounted urinals shall not exceed 0.125 gpf	5.303.3.2.1					
Mandatory	Floor-mounted urinals shall not exceed 0.5 gpf	5.303.3.2.2					
Mandatory	Single showerhead shall have maximum flow rate of 1.8 gpm (gallons per minute) at 80 psi	5.303.3.3.1					
Mandatory	Multiple showerheads serving one shower shall have a combined flow rate of 1.8 gpm at 80 psi	5.303.3.3.2					
Mandatory	Nonresidential lavatory faucets	5.303.3.4.1					
Mandatory	Kitchen faucets	5.303.3.4.2					
Mandatory	Wash fountains	5.303.3.4.3					
Mandatory	Metering faucets	5.303.3.4.4					
Mandatory	Metering faucets for wash fountains	5.303.3.4.5					
Mandatory	Pre-rinse spray valve	5.303.3.4.6					
Mandatory	Food waste disposers	5.303.4.1					
Mandatory	Areas of additions or alterations	5.303.5					
Mandatory	Standards for plumbing fixtures and fittings	5.303.6					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Outdoor potable water use in landscape areas (with notes)	5.304.1					
<i>Elective</i>	<i>Nonpotable water systems for indoor use</i>	<i>A5.303.2.3.4</i>					
<i>Elective</i>	<i>Appliances and fixtures for commercial application</i>	<i>A5.303.3</i>					
<i>Elective</i>	<i>Nonwater urinals</i>	<i>A5.303.4.1</i>					
<i>Elective</i>	<i>Dual plumbing</i>	<i>A5.303.5</i>					
<i>Elective</i>	<i>Outdoor potable water use</i>	<i>A5.304.2</i>					
<i>Elective</i>	<i>Restoration of areas disturbed by construction</i>	<i>A5.304.6</i>					
<i>Elective</i>	<i>Previously developed sites (with exception)</i>	<i>A5.304.7</i>					
<i>Elective</i>	<i>Graywater irrigation system</i>	<i>A5.304.8</i>					
<i>Elective</i>	<i>Nonpotable water systems</i>	<i>A5.305.1</i>					
<i>Elective</i>	<i>Irrigation systems</i>	<i>A5.305.2</i>					

DIVISION 5.4 Material Conservation and Resource Efficiency

(Select one elective from this Division)

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
<i>Tier 1 Prerequisite</i>	<i>Recycled content for 10% of total material cost</i>	<i>A5.405.4, A5.405.4.1 through A5.405.4.5</i>					
Mandatory	Weather protection	5.407.1					
Mandatory	Moisture control: sprinklers	5.407.2.1					
Mandatory	Moisture control: exterior door protection	5.407.2.2.1					
Mandatory	Moisture control: flashing	5.407.2.2.2					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Construction waste management—comply with either: Sections 5.408.1.1, 5.408.1.2, 5.408.1.3 or more stringent local ordinance	5.408.1.1, 5.408.1.2, 5.408.1.3					
Mandatory	Construction waste management: documentation	5.408.1.4					
Mandatory	Universal waste [A]	5.408.2					
Mandatory	Excavated soil and land clearing debris (100% reuse or recycle)	5.408.3					
<i>Tier 1 Prerequisite</i>	<i>Enhanced construction waste reduction (65%—Tier 1 with verification)</i>	<i>A5.408.3.1, A5.408.3.1.2</i>					
Mandatory	Recycling by occupants: additions (with exception)	5.410.1					
Mandatory	Recycling by occupants: additions (with exception)	5.410.1.1					
Mandatory	Recycling by occupants: sample ordinance	5.410.1.2					
Mandatory	Commissioning new buildings ($\geq 10,000$ sf) [N]	5.410.2					
Mandatory	Owner's or owner representative's Project Requirements (OPR) [N]	5.410.2.1					
Mandatory	Basis of Design (BOD) [N]	5.410.2.2					
Mandatory	Commissioning plan [N]	5.410.2.3					
Mandatory	Functional performance testing [N]	5.410.2.4					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Documentation and training [N]	5.410.2.5					
Mandatory	Systems manual [N]	5.410.2.5.1					
Mandatory	Systems operation training [N]	5.410.2.5.2					
Mandatory	Commissioning report [N]	5.410.2.6					
Mandatory	Testing and adjusting for new buildings < 10,000 sf or new systems that serve additions or alterations [A]	5.410.4					
Mandatory	System testing plan for renewable energy, landscape irrigation and water reuse [A]	5.410.4.2					
Mandatory	Procedures for testing and adjusting	5.410.4.3					
Mandatory	Procedures for HVAC balancing	5.410.4.3.1					
Mandatory	Reporting for testing and adjusting	5.410.4.4					
Mandatory	Operation and maintenance (O&M) manual	5.410.4.5					
Mandatory	Inspection and reports	5.410.4.5.1					
<i>Elective</i>	<i>Wood framing or OVE w/ note</i>	<i>A5.404.1, A5.404.1.1, A5.404.1.2</i>					
<i>Elective</i>	<i>Regional materials</i>	<i>A5.405.1</i>					
<i>Elective</i>	<i>Bio-based materials</i>	<i>A5.405.2</i>					
<i>Elective</i>	<i>Rapidly renewable materials</i>	<i>A5.405.2.2</i>					
<i>Elective</i>	<i>Reused materials with note</i>	<i>A5.405.3</i>					
<i>Elective</i>	<i>Cement and concrete: cement</i>	<i>A5.405.5.1</i>					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
<i>Elective</i>	<i>Cement and concrete: concrete with SCM & Mix design equation</i>	A5.405.5.2, A5.405.5.2.1, A5.405.5.2.1.1					
<i>Elective</i>	<i>Cement and concrete: additional means of compliance</i>	A5.405.5.3, A5.405.5.3.1, A5.405.5.3.1.1, A5.405.5.3.1.2, A5.405.5.3.2, A5.405.5.3.2.1, A5.405.5.3.2.2, A5.405.5.3.2.3, A5.405.5.3.2.4					
<i>Elective</i>	<i>Choice of materials</i>	A5.406.1, A5.406.1.1, A5.406.1.2, A5.406.1.3					
<i>Elective</i>	<i>Life cycle assessment: general</i>	A5.409.1					
<i>Elective</i>	<i>Whole building life cycle assessment</i>	A5.409.2, A5.409.2.1, A5.409.2.2					
<i>Elective</i>	<i>Materials and system assemblies</i>	A5.409.3					
<i>Elective</i>	<i>Substitution for prescriptive standards</i>	A5.409.4					
<i>Elective</i>	<i>Verification of compliance</i>	A5.409.5					

DIVISION 5.5 Environmental Quality

(Select one elective from this Division)

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Fireplaces	5.503.1					
Mandatory	Woodstoves	5.503.1.1					
Mandatory	Temporary ventilation	5.504.1					
Mandatory	Covering of ducts openings and protection of mechanical equipment during construction	5.504.3					
Mandatory	Adhesives, sealants, and caulks	5.504.4.1					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Paints and coatings	5.504.4.3					
Mandatory	Aerosol paints and coatings	5.504.4.3.1					
Mandatory	Aerosol paints and coatings: verification	5.504.4.3.2					
Mandatory	Carpet systems	5.504.4.4					
Mandatory	Carpet cushion	5.504.4.4.1					
Mandatory	Carpet adhesives per Table 5.504.4.1	5.504.4.4.2					
Mandatory	Composite wood products	5.504.4.5					
Mandatory	Composite wood products: documentation	5.504.4.5.3					
Mandatory	Resilient flooring systems	5.504.4.6					
Mandatory	Resilient flooring: verification of compliance	5.504.4.6.1					
<i>Tier 1 Prerequisite</i>	<i>Resilient flooring systems, Tier 1 (with verification of compliance)</i>	<i>A5.504.4.7, A5.504.4.7.2</i>					
Mandatory	Thermal insulation	5.504.4.7					
Mandatory	Verification of compliance	5.504.4.7.1					
<i>Tier 1 Prerequisite</i>	<i>Thermal insulation, Tier 1 (with verification of compliance)</i>	<i>A5.504.4.8, A5.504.4.8.1</i>					
Mandatory	Acoustical ceilings and wall panels	5.504.4.8					
Mandatory	Verification of compliance	5.504.4.8.1					
Mandatory	Filters (with exceptions)	5.504.5.3					
Mandatory	Filters: labeling	5.504.5.3.1					
Mandatory	Environmental tobacco smoke (ETS) control	5.504.7					
Mandatory	Indoor moisture control	5.505.1					
Mandatory	Outside air delivery	5.506.1					
Mandatory	Carbon dioxide (CO2) monitoring	5.506.2					
Mandatory	Acoustical control (with exception)	5.507.4					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
Mandatory	Exterior noise transmission, prescriptive method (with exceptions)	5.507.4.1					
Mandatory	Noise exposure where noise contours are not readily available	5.507.4.1.1					
Mandatory	Performance method	5.507.4.2					
Mandatory	Site features	5.507.4.2.1					
Mandatory	Documentation of compliance	5.507.4.2.2					
Mandatory	Interior sound transmission (with note)	5.507.4.3					
Mandatory	Ozone depletion and greenhouse gas reductions	5.508.1					
Mandatory	Chlorofluorocarbons (CFCs)	5.508.1.1					
Mandatory	Halons	5.508.1.2					
Mandatory	Supermarket refrigerant leak reduction for retail food stores 8,000 square feet or more	5.508.2 through 5.508.2.6.3					
<i>Elective</i>	<i>Indoor air quality (IAQ) during construction</i>	<i>A5.504.1, A5.504.1.1, A5.504.1.2</i>					
<i>Elective</i>	<i>IAQ postconstruction</i>	<i>A5.504.2</i>					
<i>Elective</i>	<i>IAQ testing</i>	<i>A5.504.2.1, A5.504.2.1.1, A5.504.2.1.2, A5.504.2.1.3</i>					
<i>Elective</i>	<i>No added formaldehyde Tier 1 (with notes)</i>	<i>A5.504.4.5.1</i>					
<i>Elective</i>	<i>Hazardous particulates and chemical pollutants</i>	<i>A5.504.5</i>					
<i>Elective</i>	<i>Entryway systems</i>	<i>A5.504.5.1</i>					
<i>Elective</i>	<i>Isolation of pollutant sources</i>	<i>A5.504.5.2</i>					
<i>Elective</i>	<i>Lighting and thermal comfort controls</i>	<i>A5.507.1, A5.507.1.1 through A5.507.1.2</i>					

Requirement	SECTION TITLE	CODE SECTION	Y	N	N/A	O	PLAN SHEET, SPEC, OR ATTACH REFERENCE
<i>Elective</i>	<i>Daylight</i>	<i>A5.507.2</i>					
<i>Elective</i>	<i>Views</i>	<i>A5.507.3</i>					
<i>Elective</i>	<i>Interior office spaces</i>	<i>A5.507.3.1</i>					
<i>Elective</i>	<i>Multi-occupant spaces (with exceptions)</i>	<i>A5.507.3.2</i>					
<i>Elective</i>	<i>Hydrochlorofluorocarbons (HCFCs)</i>	<i>A5.508.1.3</i>					
	<i>Hydrofluorocarbons (HFCs)</i>	<i>A5.508.1.4</i>					
Additional Measures	Select 1 additional elective measure from any division	Enter Section #:					

Total number of elective measures required for Tier 1 is:	15
Enter the total number of elective measures selected:	

Documentation Author's/Responsible Designer's Declaration Statement Check the appropriate box(es) on the list below.	
<input type="checkbox"/> Mandatory: I attest that the mandatory portion of this Tier 1 checklist is accurate and complete.	
<input type="checkbox"/> Tier 1 compliant: I attest that the total number of voluntary measures selected meet or exceed the total number required to achieve Tier 1 compliance.	
<input type="checkbox"/> Partial Tier 1 compliant: I attest that the total number of voluntary measures selected do not meet the total number required to achieve Tier 1 compliance: however, partial Tier 1 compliance has been achieved.	
Signature:	
Company:	Date:
Address:	License:
City/State/Zip:	Phone: