

CALGREEN CODE SUBMITTAL CHECKLIST

PURPOSE

K-12 schools and community college projects submitted to the Division of the State Architect (DSA) as a single project, increments, or pre-checked (PC) applications, must comply with the Title 24, Part 11, California Green Building Standards Code (CALGreen). This form lists the mandatory measures required for CALGreen compliance, as applicable, and must be submitted with the construction documents. Applicable CALGreen mandatory measures, including applicable worksheets and declaration statements, are required to be included in the construction documents.

CALGreen Section 306 Voluntary Measures encourages building practices that improve public health, safety, and general welfare by promoting the use of building concepts which minimize the building's impact on the environment and promote a more sustainable design. Chapter 5 Nonresidential Mandatory Measures that are not adopted by DSA-SS, and Nonresidential Voluntary Measures indicated in CALGreen Appendix A5, Divisions A5.1 through A5.5, are voluntary. Including voluntary measures into the project is encouraged; however, DSA will not review the compliance of voluntary measures included in the project.

Documentation demonstrating compliance with CALGreen Division 5.2 – ENERGY EFFICIENCY, which requires compliance of the project with the current edition of Title 24, Part 6, California Energy Code, is not addressed herein. All applicable energy forms must be included in the Project per California Energy Code requirements.

INSTRUCTIONS

For project submission, provide the CALGreen Mandatory Measures that are required for the project, submit the completed form DSA 403-C, completed applicable worksheets, and applicable signed declaration statements with the project documents.

If the project does not require compliance with CALGreen mandatory measures addressed herein check "NO" in the box at the top of the checklist. If compliance with CALGreen mandatory measures addressed herein is required, check "YES" in the box at the top of the checklist and proceed to fill out the checklist as to the applicable measures.

All clear fields must be filled with a sheet number and/or a specification section number indicating the location where required items are included in the construction documents. Regulatory requirements not applicable to the scope of work shall be indicated "N/A". Do not provide input to shaded boxes in the checklist.

The design professional in responsible charge is responsible for CALGreen compliance and completion of form DSA 403-C. Prior to project submittal, compliance of mandatory measures supported by the requisite information shall be verified. Any questions related to the applicability of a listed item to the specific project scope should be clarified with DSA staff at a pre-application meeting or prior to project registration.

Plan review will not commence until this completed checklist is submitted, and any applicable worksheets and declaration statements are signed and included in the construction documents.

APPLICABILITY

CALGreen regulatory requirements for public schools and community colleges consist of the scoping provisions in CALGreen Chapter 3, Section 301.4 and the nonresidential mandatory measures indicated as adopted by DSA-SS in Chapter 5 Matrix Adoption Table below.

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COMPLIANCE WITH THE CALGREEN MANDATORY MEASURES INDICATED HEREIN IS REQUIRED FOR THE PROJECT		<input type="checkbox"/> Yes <input type="checkbox"/> No
CALGREEN SECTION – TITLE		Provide: Sheet(s) # in Plans Specification Section Complete as indicated or “N/A” if not applicable.
5.105 - DECONSTRUCTION AND REUSE OF EXISTING STRUCTURES		
Section 5.105.1 ¹ and 5.105.2 Reuse of existing building. Provide WS-3 in construction documents, see EXHIBIT A below.		
5.106 – SITE DEVELOPMENT		
Section 5.106.4.2 Bicycle parking.		
	Section 5.106.4.2.1 Student bicycle parking.	
	Section 5.106.4.2.2 Staff bicycle parking.	
Section 5.106.5.6 Electric vehicle charging.		
	Section 5.106.5.6.1 Electric vehicle capable spaces.	
	Section 5.106.5.6.2 or 5.106.5.6.3 Electric vehicle charging stations (EVCS).	
Section 5.106.8 Light pollution reduction.		
Section 5.106.10 Grading and paving.		
Section 5.106.12 Shade trees.		
	Section 5.106.12.1 Surface parking area shade tree calculation. Enter calculated percentage.	
	Section 5.106.12.2 Landscape area shade tree calculation. Enter calculated percentage.	
	Section 5.106.12.3 Hardscape area shade tree calculation. Enter calculated percentage.	
5.303 INDOOR WATER USE		
Section 5.303.3 Water conserving plumbing fixtures.		

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Section 5.303.3.1 Water closets.	
Section 5.303.3.2.1 Wall mounted urinals.	
Section 5.303.3.2.1 Floor mounted (or other) urinals.	
Section 5.303.3.3.1 Single showerheads.	
Section 5.303.3.3.2 Multiple showerheads serving one shower.	
Section 5.303.3.4.1 Nonresidential lavatory faucets.	
Section 5.303.3.4.2 Kitchen faucets.	
Section 5.303.3.4.3 Wash fountains.	
Section 5.303.3.4.4 Metering faucets.	
Section 5.303.3.4.5 Metering faucets for wash fountains.	
Section 5.303.3.4.6 Pre-rinse spray valve.	
5.304 OUTDOOR WATER USE	
Section 5.304.6 Outdoor potable water use.	
Section 5.304.6.1 Newly constructed landscapes. Submit DSA 1-L and enter "Y".	
Section 5.304.6.2 Rehabilitated landscapes. Submit DSA 1-L and enter "Y".	
5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT	
Section 5.407.1 Weather protection.	
Section 5.407.2 Moisture control.	
Section 5.407.2.1 Sprinklers (landscape irrigation).	
Section 5.407.2.2.1 Exterior door protection for primary exterior entries.	
Section 5.407.2.2.1 Flashing.	
5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING	
Section 5.408.1 Construction waste management.	
Section 5.408.1.1 Construction waste management plan.	
Section 5.408.1.2 Waste management company.	

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Section 5.408.1.3 Waste stream reduction alternative.	
SECTION 5.409 LIFE CYCLE ASSESSMENT	
Section 5.409.2 Whole building life cycle assessment ¹ . Provide signed declaration statement and worksheet in drawings, see EXHIBIT B below.	
Section 5.409.3 Product GWP compliance ¹ – prescriptive compliance. Provide signed declaration statement in drawings, see EXHIBIT C below.	
5.410 BUILDING MAINTENANCE AND OPERATION	
Section 5.410.1 Recycling by occupants.	
5.504 POLLUTANT CONTROL	
Section 5.504.3 Covering of duct openings and protection of mechanical equipment during construction.	
Section 5.504.4 Finish material pollutant control.	
Section 5.504.4.1 Adhesives sealants and caulks.	
Section 5.504.4.3 Paints and coatings.	
Section 5.504.4.4 Carpet systems.	
Section 5.504.4.5 Composite wood products.	
Section 5.504.4.6 Resilient flooring systems.	
Section 5.504.4.7 Thermal insulation.	
Section 5.504.4.8 Acoustical ceilings and wall panels.	
Section 5.504.5.3 Filters (Merv 13).	
5.505 INDOOR MOISTURE CONTROL	
Section 5.505.1 Indoor moisture control per CBC Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls).	
5.506 INDOOR AIR QUALITY	
Section 5.506.1 Outside air delivery per California Energy Code Section 120.1, and Chapter 4 of CCR Title 8	
Section 5.506.3 Carbon dioxide monitoring.	
Section 5.506.2 Carbon Dioxide (CO ₂) monitoring in classrooms (energy manage control system).	
Section 5.506.3 Carbon Dioxide (CO ₂) monitoring in classrooms (standalone).	

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SECTION 5.507 ENVIRONMENTAL COMFORT	
Section 5.507.4 Acoustical control.	
Section 5.507.4.1 Exterior noise transmission prescriptive method (detail STC rating)	
Section 5.507.4.2 Exterior noise transmission performance method (document acoustical analysis)	
Section 5.507.4.3 Interior sound transmission (detail STC rating)	
SECTION 5.508 OUTDOOR AIR QUALITY	
Section 5.508.1 Ozone depletion and greenhouse gas reductions	
Section 5.508.1.1 Chlorofluorocarbons (CFCs).	
Section 5.508.1.1 Halons.	

FOOTNOTES:

1: New construction projects consisting of a total floor area is 50,000 sq. ft. or greater must complete either Section 5.509.2 or Section 5.409.3. Alteration or addition projects consisting of a total floor area of 50,000 sq. ft. or greater must complete Section 5.105.2, 5.409.2, or 5.409.3

Professional in General Responsible Charge Declaration Statement:

As the Professional in General Responsible Charge, I have reviewed the Project Plans and affirm that the documentation submitted is in compliance with the requirements of CALGreen (Title 24, Part 11). Required documentation, applicable worksheets and signed declaration statements are included in the construction documents on the drawing sheet indicated in the completed form. I will verify that all work shown on the DSA approved construction documents necessary for compliance to CALGreen mandatory measures is completed in construction and prior to occupancy.

Signature: _____ Date: _____

Print Full Name: _____

REFERENCES:

California Green Building Standards Code Title 24 Part 11, Chapter 6 Referenced Organizations and Standards
 California Energy Code Title 24 Part 6
 CCR Title 8, Division 1, Chapter 4

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EXHIBIT A
WORKSHEET (WS-3)
5.105.2 BUILDING REUSE

DOCUMENTATION OF COMPLIANCE OF EXISTING BUILDING REUSE

Total Area of Existing Building(s) _____ SF
Total Area of Aggregate Addition(s) (if applicable) _____ SF

	EXISTING TOTAL AREA (A)	RETAINED TOTAL AREA (B)	% OF RETAINED STRUCTURE (B)/(A)
Primary Structural Elements of Existing Building(s) (foundations; columns, beams, walls, and floors; and lateral elements)	_____ SF	_____ SF	_____ SF
Building Enclosure of Existing Building(s) (roof framing, wall framing and exterior finishes only)	_____ SF	_____ SF	_____ SF

Total % Reuse of Required Elements ≥ 45% _____%

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EXHIBIT B
Section 5.409.2 WHOLE BUILDING LIFE CYCLE ASSESSMENT

Whole Building LCA Information			
Model Information required		Scope of analysis (Enter "Y" or "N")	
LCA Modeler (Firm name)		Structure (required)	
Date of Model Run (MM/DD/YYYY)		Enclosure (required)	
Software and version used		Interiors (Optional)	
Model floor area (sq. ft.)		Mech., Elec. Plumb. (Optional)	
Calculated percent reduction in global warming potential (GWP) ¹ :		Site/landscaping (optional)	
		Fixtures, Furnishings and Equipment (optional)	

Footnote

1) Must be a minimum of 10%

Professional in General Responsible Charge Declaration Statement:

I attest that the Whole Building Life Cycle Analysis has been performed according to the requirements of Title 24, Part 11 (CALGreen), Section 5.409.2 by a minimum 10 percent reduction in global warming potential as compared to a reference baseline building of similar size, function, complexity, type of construction, material specification, and location. Furthermore, I will ensure during construction that the material specifications will be reviewed for substantial conformance with the life cycle assessment indicated on the approved documents so at the close of construction the minimum 10 percent reduction in global warming potential is thereby secured.

Signature:	
Name:	Date:
Address:	License:
City/State/Zip:	Phone:

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EXHIBIT C

Section 5.409.3 PRODUCT GWP COMPLIANCE—PRESCRIPTIVE PATH

Professional in General Responsible Charge Declaration Statement:

I attest that prescriptive compliance has been met according to the requirements of Title 24, Part 11 (CALGreen) Section 5.409.3 and products specified do not exceed the global warming potential as specified in CALGreen Table 5.409.3. Furthermore, I will ensure during construction that the material specifications will be reviewed for substantial conformance with the global warming potential limits indicated on the approved documents.

Signature:	
Name:	Date:
Address:	License:
City/State/Zip:	Phone: