

















PR-2022-001372 (CUP), Exhibit 8 - Project Plans

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2021, Includes July 2021 Supplement)

CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL 301.1 SCOPE. Buildings shall be designed to include the green building measures the application checklists contained in this code. Voluntary green building measure application checklists and may be included in the design and construction of struct but are not required unless adopted by a city, county, or city and county as specific 301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provision of 1,000 square of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 equit feet or greater, and/or buildings alterations with a permit valuation of \$200,000 or above (for occupancies the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work. 301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work. 301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC) 301.5 HEALTH FACILITIES. (see GBSC) ARREVIATION DEFINITIONS: NONRESIDENTIAL MANDATORY MEASURES DIVISION 5.1 PLANNING AND DESIGN SECTION 5.101 GENERAL 5.101.1 SCOPE SECTION 5.102 DEFINITIONS 5.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference) CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (25 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all listeral angles around the luminaire. LOW-EMITTING AND FUEL EFFICIENT VEHICLES. Eligible vehicles are limited to the following: SECTION 5.106 SITE DEVELOPMENT

5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE
OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction advitives through one or more of the following measures:

netting an efficienc combination of existen and sudment control and good househoping BMPs. I.

So Globes BMMP shall bound be counsidered for implementation as a gregorise for each proport on
a. Scheduling construction activity along by weather, when possible,
Democration of insular finations, vegorise, when possible,
Democration of insular finations, vegorise, out, are other across students was allowed to the control of th

5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all laufully engaged stormwater discharge regulations for contents that (1) distance or

Note: Projects that (1) distants one acre or more of land, or (2) distants less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Politaria Discharge International System (PhiPSS) General permit for Entomater Discharges Associated with Construction and Land Discharges Associated with Construction and Land Discharges (Associated in the State Water Resources Control Board threat Laborian Regions) without Discharges (Associated in the Laborian Regions) in the Laborian Region of the Case (Table Politaria) (Associated in the Laborian Regions) in the Laborian Regions).

5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, ready visite to passest—y, or 50 find new visitor motorized visitor parking spaces being added, with a minimum of one two-tike capacity rack.
Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.3 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.

5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bite capacity racks per new building.
5.106.4.2.2 Staff bicycle parking, Provide permanent, accure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the state or staff parking reason at half med nor on of the following:

5.106.5.2 DESIGNATED PARKING FOR CLEAN AIR VEHICLES. In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting.

TABLE 5.106.5.2 - PARKING		
TOTAL NUMBER OF PARKING SPACES	NUMBER OF REQUIRED SPACES	
0-9	0	
10-25	3	
25-50	6	
51-75	9	
76-100	12	
101-150	18	
151-200	21	
201 AND OVER	AT LEAST 12% OF TOTAL ¹	

1.Calculation for spaces shall be rounded up to the nearest whole number.

5.106.5.2.1 - Parking stall marking. Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR IV JAN POOL / EV

5.106.5.3 Electric vehicle (EV) charging. [N] Construction shall comply with Section 5.106.5.3.1 or Section 5.106.5.3.2 to facilitate future installation of electric vehicle supply equipment (EVSE). When EVSE(s) Islare installed, it shall be in accordance with the California Building Gode, the California Decirical Gode and as follows:

5.106.5.3.1 Single charging space requirements. [N] When only a single charging space is required per Table 5.106.5.3.3, a raceway is required to be installed at the time of construction and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

. The type and location of the EVSE.

1. The type and location of the EVSE.
2. A falted memory capable of accommodating a 200740 vorid dedicated branch circuit.
4. The receivery shall originate at a service panel or a subpanel serving the area, and shall serminate in close powerful to the processor of the commodate and stated terminate in close powerful to the processor location of the drapting equipment and stated terminates in close powerful to the processor location of the drapting equipment and stated that the commodate and t

5.106.5.3.2 Multiple charging space requirements. [N] When multiple charging spaces are required per Table 5.106.5.3.3 raceway(s) jakare required to be installed at the time of construct and shall be installed in accordance with the California Electrical Code. Construction plans and specifications shall include, but are not limited to, the following:

The high pear foundation of the EVEE.

The high pear foundation of the high pear foundation of the shaping equipment and into listed statistic absolutely), (boyelin, pearwant(s) or explanation of the shaping equipment and into listed statistic absolutely), (boyelin, pearwant(s) or explanation.

Exercise control of the shaping of the shaping of the shaping of explanation and any on-safe discharation transformers and the sufficient capability of the shaping of explanation and any on-safe discharation transformers and executions assistant capability.

The surviva pear of a subpracting shaping shaping high accommodate the required number of declaration beamed country or surviva pear of a subpracting shaping s

5.106.5.3.3 EV charging space calculations. [N] Table 5.106.5.3.3 shall be used to determine if single or multiple charging space requirements apply for the future installation of EVSE.

TOTAL NUMBER OF PARKING SPACES NUMBER OF REQUIRED SPACES

201 AND OVER

76,100

5.106.5.3.4 (N) Identification. The service panel or subpanel(s) circuit directory shall identify the reserved overcurrent protective device space(s) for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

10% of total*

Note: Future electric vehicle charging spaces shall count towards the total parking spaces required by the local enforcing agencies.

.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to comply

1. The minimum requirements in the California Energy Code for Lighting Zones 0.4 as defined in Chapter 10, Section 1914 of the California Energy Code (South or 28th Art in Chapter 81). A 18th Chapter 81, Section 1914 of the California Energy Code (South or 18the Art in Chapter 81). Lightight and Client is entired in California Energy Code (South or 18the 1910). A and 190.28 in A 18th Client Energy Code (South or 18the 1910). A most 1910 of Contribution of California Energy Code (South or 18the 1910). A code (South Order) and California Energy Code (South Order) and South Order (South Order).

Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code
 Emergency (planeting the requirements in Table 140.7-8 of the California Energy Code, Part 6.
 Eucliding facade meeting features as allowed by the local enforcing agency, as permitted by Section 101.8
 Alternative materials, designs and methods of construction.
 Luminative with lies than 6,200 inflat Ibramistra Lumina.

	BLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT D GLARE (BUG) RATINGS 1.2				
ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING :					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	В3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	В0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting :	N/A	U0	U0	U0	UO
For all other outdoor lighting,including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING : (G)					
Luminaire greater than 2 MH from property line	N/A	G1	G2	G3	G4
Luminaire front hemisphere is 1-2 MH from property line	N/A	G0	G1	G1	G2
Luminaire front hemisphere is 0.5-1 MH from property line	N/A	G0	G0	G1	G1

2. For properly lines that abut public walkways, blaways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determined complanes with this section. For properly lines that abut public transvary and public transvary complanes. When this section. For properly lines that abut public transvary and public transvary that the public transvary of the public transvary and the public transvary or public transvar control for the purpose of elementaring complanes with this section.

uminaire back hemisphere is ess than 0.5 MH from property N/A

5.196.8.1 Facing-Backlight
Luminous within 2014-19 page-spit like shall be unlessed so that the issued populty like is shall be foreigned.
Luminous within 2014-19 page-spit like shall be unlessed so that the issued on the lighting zone and distance to
the nearest point of that properly line.

Exception: Commer. If this opposity lines (or too segments of the same properly line) have equidistant point
directly bridged the luminous. The luminous shall all sue the distance to the nearest point(c) on the properly
lines to determine the required backlight rating.

G0 G0 G0 G1

California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for

106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

Y = YES
NA = NOT APPLICABLE
RESPON PARTY = RESPONSIBLE PARTY (in: ARCHITECT, ENGINEER, PARKER, CONTRACTOR, RISPECTOR ETC.)

Seales.
Water collection and disposal systems.
Water collection and disposal systems.
Water relations gradems.
Other water measures which keep surface water away from buildings and aid in groundwater recharge.
Exception: Address and alterations not altering the dishape pash.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: The surface parking area covered by solar photovoltaic shade structures, or shade structures, with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5, are not included in the total area calculations.

5.106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation 5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL
5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency
4.001.1 Scope [BSC-CG]. California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL 5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable. SNO-YMPYEEC: "Pushers I'd Head of a startly Could Section 1 model of the Indiana Startle of

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating lar design, installation and maintenance practices that will ensure commercial, multilamity and other developer in landscaper greater than 2500 square feet meet an irrigation water budget developed based on landscaped at

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). (HCD) The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 27), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELD, or adopt a local ordinance at least

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority

SECTION 5.303 INDOOR WATER USE

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (flaugets and showerheads) shall comply with the following:

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.3 Shownheads, [BSC-C0]
3.303.3.3 Shownheads, 15 Single shownhead, Shownheads shall have a maximum flow rate of net more than 1.8 spallors per minus at 80 psi. Shownheads shall be certified to the performance criteria of the U.S. EPA WaterSemes Societification for Shownheads.

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06-01-21 SCALE SHEET

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2021, Includes July 2021 Supplement) Y YES NA * NOT APPLICABLE RESPON, PARTY * RESPONSBLE PARTY 6s: ARCHITECT, ENGINEER OWNERS ON TO A CONTRACTOR INSPECTOR STOLL SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT 5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelopes a California Bullino Code Genérol Management 5 303 3 4 Faucets and fountains 5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi. 5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or repre detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related 5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 (rim space (inches) at 60 psi). DIVISION 5.5 ENVIRONMENTAL QUALITY 5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle 1. An installed awning at least 4 feet in depth. 2. The door is protected by a roof overhang at least 4 feet in depth. 3. The door is recessed at least 4 feet. 4. Other methods which provide equivalent protection. SECTION 5.502 DEFINITIONS 5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route 5.303.3.4.6 Fra-frisos spray value When installed, shall lenet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 160.51 (h)(4) Table H-Z. Section 1605.3 (h)(4)(A), and Section 1607 (d)(7). and shall be ecutoped with an integral automatic shutoff. SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting . Unconditioned warehouses of any size. . Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and or air conditioning. COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB injettime adjustment used in the Ldn. Identifies the construction and demotition waste materials to be diverted from disposal by efficient Identifies the construction and demotition waste materials will be certed on-size (source-separated) or Determines if construction and demotition waste materials will be certed on-size (source-separated) or Justification (and prediction and demotition under materials and the solution and demotition under materials deverted with be been Specifies that the amount of construction and demotition waste materials diverted shall be calculated byweight or volume, but not by footh. I. I. S. A.C. 476 is an accreditation criteria for organizations providing training and/or certification commissioning personnel. A.C. 476 is available to the Authority Having Jurisdiction as a reference qualitations of commissioning personnel. A.C. 476 dee not certify individuals to conduct function performance tests or to adjust and balance systems. VALUES MANUFACTURED ON OR AFTER JANUARY 28, 2019 Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf) DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound prower, sound intensity) with respect to a reference quantity. Exceptions to Sections 5.408.1.1 and 5.408.1.2: Excavaled coil and land-desiring debris. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with its inde on of each. Demolster waste meeting local ordinance or calculated in consideration of local recycling facilities and markets. 5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding bod wastelno-load) or shall automatically shat off after no more than 10 minutes of leachiey. Disposers shall use no more than 8 gpm of water. Note: This code section does not affect local jurisdiction authority to problet or require disposer. operation. Equipment and systems expectations. Building occupant and operation and maintenance (O&M) personnel expectations. 5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code. 5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following: ament from the project will be contributed. The commissioning part shall be complished. Concerning princip commission. September 1. S Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-Lst-Folder(Z-LGreen may be used to assist in documenting compliance with the waste SECTION 5.304 OUTDOOR WATER USE 5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Norresidential developments shall comply with a local water efficient landscape ordinance for current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MRHECD, whichever is more stringers. management plan. 2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (Califberycle). GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenh gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Interpovermental Panel on Climate Change (PCC) in either its Second Accessment Report (SAR) (IPCC, 1995); or Table 2.14. The ARS GWP values are broad in octumn 100 or "of Table 2.45 or Broad or Journs" SAR (100-yr) of Table 2.14. The ARS GWP values are broad in octumn 100 or "of Table 2.45. 5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associate vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed. 5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations. Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation. 6.410.2.5.1 Systems manual. PQI Documentation of the operational appects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems, including facility, including facility of the systems of th LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009). 5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet. 5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregal landscape area equal to or greater than 1,200 square feet. SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS 5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the e Major systems. Site equipment inventory and maintenance notes. A copy of verifications required by the enforcing agency or this code. Other resources and documentation, if applicable. 3-41-1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minima DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE **FFFICIENCY** 5.410.2.5.2 Systems operations training. (N) A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: System/equipment overview (what it is, what it does and with what other systems and/or REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to come formation in the troposphere. 5.410.1.1 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. Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area. SECTION 5.402 DEFINITIONS 402 1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust 5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act). 5.410.4.2 (Reserved) ORGANIC WASTE. Food waste, green waste, landscape and pruning wate, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste. • unsupy-resulted systems under the coope (Section 100) of the California Energy Code, Including healing, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water healing systems and controls, refer to California Energy Code Section 120.6 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems. 5.903.1 FIREFLACES. Install only a direct-vent sealed-combustion gas or sealed wood-during irreplace, or a woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinar SECTION 5.504 POLLUTANT CONTROL 8.69.4 TEMPORARY VENTILATION. The personned HIAC system shall only be used during construction if mentional and control mention of the personnel of the personne 5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

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06-01-21

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (July 2021, Includes July 2021 Supplement)

Y		YES
RESPON. PARTY	•	RESPONSIBLE PARTY (IX: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

Y	NIA.	RESPON. PARTY		Υ	N3
_	0		5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through	٦	Г
	Γ		5.504.4.6.		

Less Water and Less Exempt Compounds in Grams	per Liter
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

- FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR

Less Water and Less Exempt Compounds in Grams per Liter		
SEALANTS	CURRENT VOC LIMIT	
ARCHITECTURAL	250	
MARINE DECK	760	
NONMEMBRANE ROOF	300	
ROADWAY	250	
SINGLE-PLY ROOF MEMBRANE	450	
OTHER	420	
SEALANT PRIMERS		
ARCHITECTURAL		
NONPOROUS	250	
POROUS	775	
MODIFIED BITUMINOUS	500	
MARINE DECK	760	
OTHER	750	

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT	COMPOUNDS
COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS:	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

5.594.4.1 Curpet curbine, all construction curbon installation in the building installation that requirements of the California Department of Palici Health. Standard Method for the Testing and Evaluation of Vollade Organic Chemidal Emissions from thoolor Stouces Using Environmental Chambers, Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

5.604.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberhoard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formalidetyles as specified in ARBs XI Tracks Control Measure (ATCM) for Composite Wood (IT CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table STM1.4 E.

- Product certifications and specifications.
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MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER M	ILLION
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD2	0.13

SECTION 5.505 INDOOR MOISTURE CONTROL
5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CRR, Tile 24, Part 2, Sections 1202 (Vertilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of the code.

1. Within the 65 CNEL noise contour of an airport

5.507.4.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 56 68 Ls., - 14 noise pay hour of operation shall have building, addition or alteration extensiv wall and nod-calling assembles exposed to the noise source meeting a composite STC rating of at least 46 or OTCT SSIs with exector windows of a minimum STC of 40 for OTCT SIS.

5.00.2 Supermarket refrigerant loak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail load stores 5.000 square feet or more conditioned area, and that district either refrigerant copility colors, or flexes connected to remote compressor units or district either refrigerant conjugates continued and the colors or flexes connected to remote compressor units or high-CMPV refrigerants with a CMPV of 150 or greater. New refrigeration systems include both new facilities and til replacement of existing facilities in existing facilities.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack. 5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

5.508.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

(BSC-CG) When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall entityle one or more special respectives to provide respection or other duties recessary to substrated appropriate provides the control of the

S CHURCH CCHO A AVE SUITE 1 A 92507 1015 ARMANDO CARDONA 1907 N DEERPARK DR FULLERTON CA 92831 (626) 862-4604 06-01-21 SCALE 9

PR-2022-001372 (CUP), Exhibit 8 - Project Plans