



2016 CALIFORNIA ADMINISTRATIVE CODE

CALIFORNIA CODE OF REGULATIONS
TITLE 24, PART 1

California Building Standards Commission



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2016 CALIFORNIA ADMINISTRATIVE CODE

CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 1

California Building Standards Commission



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PREFACE

This document is Part 1 of thirteen parts of the official triennial compilation and publication of the adoptions, amendments and repeal of administrative regulations to *California Code of Regulations, Title 24*, also referred to as the *California Building Standards Code*. This part is known as the *California Administrative Code*.

The *California Building Standards Code* is published in its entirety every three years by order of the California legislature, with supplements published in intervening years. The California legislature delegated authority to various state agencies, boards, commissions and departments to create building regulations to implement the State's statutes. These building regulations, or standards, have the same force of law, and take effect 180 days after their publication unless otherwise stipulated. The *California Building Standards Code* applies to occupancies in the State of California as annotated.

A city, county, or city and county may establish more restrictive building standards reasonably necessary because of local climatic, geological or topographical conditions. Findings of the local condition(s) and the adopted local building standard(s) must be filed with the California Building Standards Commission to become effective and may not be effective sooner than the effective date of this edition of the *California Building Standards Code*. Local building standards that were adopted and applicable to previous editions of the *California Building Standards Code* do not apply to this edition without appropriate adoption and the required filing.

Should you find publication (e.g., typographical) errors or inconsistencies in this code or wish to offer comments toward improving its format, please address your comments to:

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The 2016 *California Building Standards Code* (Code) was developed through the outstanding collaborative efforts of the Department of Housing and Community Development, Division of State Architect, Office of the State Fire Marshal, Office of Statewide Health Planning and Development, California Energy Commission, California Department of Public Health, California State Lands Commission, Board of State and Community Corrections, and the California Building Standards Commission (Commission).

This collaborative effort included the assistance of the Commission's Code Advisory Committees and many other volunteers who worked tirelessly to assist the Commission in the production of this Code.

Governor Edmund G. Brown Jr.

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For questions on California state agency amendments, please refer to the contact list on page v.

CALIFORNIA CODE OF REGULATIONS, TITLE 24

California Agency Information Contact List

Board of State and Community Corrections

www.bscc.ca.gov (916) 445-5073
Local Adult Jail Standards
Local Juvenile Facility Standards

California Building Standards Commission

www.bsc.ca.gov (916) 263-0916

California Energy Commission

www.energy.ca.gov **Energy Hotline** (800) 772-3300
Building Efficiency Standards
Appliance Efficiency Standards
Compliance Manual/Forms

California State Lands Commission

www.slc.ca.gov (562) 499-6312
Marine Oil Terminals

California State Library

www.library.ca.gov (916) 653-5217

Department of Consumer Affairs:

Acupuncture Board

www.acupuncture.ca.gov (916) 515-5200
Office Standards

Board of Pharmacy

www.pharmacy.ca.gov (916) 574-7900
Pharmacy Standards

Bureau of Barbering and Cosmetology

www.barbercosmo.ca.gov (800) 952-5210
Barber and Beauty Shop,
and College Standards

Bureau of Electronic and Appliance Repair, Home Furnishings and Thermal Insulation

www.bearhfti.ca.gov (916) 999-2041
Insulation Testing Standards

Structural Pest Control Board

www.pestboard.ca.gov (800) 737-8188
Structural Standards

Veterinary Medical Board

www.vmb.ca.gov (916) 515-5220
Veterinary Hospital Standards

Department of Food and Agriculture

www.cdffa.ca.gov
Meat & Poultry Packing Plant Standards
Rendering & Collection Standards (916) 900-5004
Dairy Standards (916) 900-5008

Department of Housing and Community Development

www.hcd.ca.gov (916) 445-9471
Residential—Hotels, Motels, Apartments,
Single-Family Dwellings; and
Permanent Structures in Mobilehome &
Special Occupancy Parks
(916) 445-3338
Factory-Built Housing, Manufactured Housing &
Commercial Modular
Mobilehome—Permits & Inspections
Northern Region—(916) 255-2501
Southern Region—(951) 782-4420
(916) 445-9471
Employee Housing Standards

Department of Public Health

www.dph.ca.gov (916) 449-5661
Organized Camps Standards
Public Swimming Pools Standards

Division of the State Architect

www.dgs.ca.gov/dsa (916) 445-8100

Access Compliance

Fire and Life Safety

Structural Safety

Public Schools Standards
Essential Services Building Standards
Community College Standards

State Historical Building Safety Board

Alternative Building Standards

Office of Statewide Health Planning and Development

www.oshpd.ca.gov (916) 440-8356
Hospital Standards
Skilled Nursing Facility Standards &
Clinic Standards
Permits (916) 654-3362

Office of the State Fire Marshal

osfm.fire.ca.gov (916) 445-8200
Code Development and Analysis
Fire Safety Standards

HOW TO DETERMINE WHERE CHANGES HAVE BEEN MADE

Symbols in the margins indicate where changes have been made or language has been deleted.

|| This symbol indicates that a change has been made.

> This symbol indicates deletion of language.

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CHAPTER 1

ADMINISTRATIVE REGULATIONS OF THE CALIFORNIA BUILDING STANDARDS COMMISSION

ARTICLE 1 GENERAL

1-101. Abbreviations. The following abbreviations shall apply to Title 24, California Code of Regulations. Abbreviations may also be provided in each of the other 12 parts of Title 24. If an abbreviation in this section conflicts with an abbreviation within another part of Title 24, the abbreviation reference in the other part shall prevail within that part.

Note: For information regarding the code provisions adopted for a state agency and the application of such code provisions, see the agency administrative chapters in the appropriate parts of Title 24, *California Code of Regulations*.

>	AGR	Department of Food and Agriculture
>	BSC	Identifies code provisions by the Building Standards Commission
	BSC-CG	Identifies the California Green Building Standards Code (CALGreen) provisions by BSC
>	BSCC	Identifies code provisions by the Board of State and Community Corrections
>	CA	Department of Consumer Affairs
	CALGreen	California Green Building Standards Code (CALGreen), Part 11 of Title 24
	CBC	<i>California Building Code</i> (Part 2 of Title 24)
	CCR	California Code of Regulations
	CEBC	<i>California Existing Building Code</i> (Part 10 of Title 24)
	CEC	<i>California Electrical Code</i> (Part 3 of Title 24)
	CEC	<i>California Energy Code</i> (Part 6 of Title 24)
>	CEC	<i>California Energy Commission</i>
>	CHBC	<i>California Historical Building Code</i> (Part 8 of Title 24)
	CMC	<i>California Mechanical Code</i> (Part 4 of Title 24)
	CPC	<i>California Plumbing Code</i> (Part 5 of Title 24)
	CRC	<i>California Residential Code</i> (Part 2.5 of Title 24)
	CRSC	<i>California Referenced Standards Code</i> (Part 12 of Title 24)
>	DPH	Identifies code provisions by the Department of Public Health
>	DWR	Identifies code provisions by the Department of Water Resources

DSA	Division of the State Architect, a division within the Department of General Services	
DSA-SS	Identifies code provisions by the Division of the State Architect-Structural Safety	<
DSA-SS/CC	Identifies provisions by the Division of the State Architect-Structural Safety, applicable to Community Colleges as specified	
DSA-AC	Identifies code provisions by the Division of the State Architect-Access Compliance	<
DOE	Department of Education	
DOT	Department of Transportation	
HCD	Housing and Community Development	
HCD 1	Identifies code provisions by HCD	<
HCD 2	Identifies code provisions by HCD	<
HCD 1AC	Identifies HousingAccessibility code provisions by HCD	 <
IBC	<i>International Building Code</i> [®]	
IFC	<i>International Fire Code</i> [®]	
IEBC	<i>International Existing Building Code</i> [®]	
IRC	<i>International Residential Code</i> [®]	
NEC	<i>National Electrical Code</i> [®]	
NFPA	National Fire Protection Association	
OHP	Office of Historical Preservation	
OSHPD	Office of Statewide Health Planning and Development	
OSHPD 1	Identifies code provisions by OSHPD	<
OSHPD 2	Identifies code provisions by OSHPD	<
OSHPD 3	Identifies code provisions by OSHPD	<
OSHPD 4	Identifies code provisions by OSHPD	<
SFM	Identifies code provisions by the Office of the State Fire Marshal	<
SHSB	Identifies code provisions by State Historical Building Safety Board	<
SL	Identifies code provisions by the State Library	<
SLC	Identifies code provisions by the State Lands Commission	<
UBC [™]	<i>Uniform Building Code</i> ; the UBC is no longer published or adopted in the current edition of Title 24	