



# 2019 California Building and Fire Code Adoption

Presented by:  
Richard Supan, PE, CBO  
Building and Safety Manager  
November 5, 2019



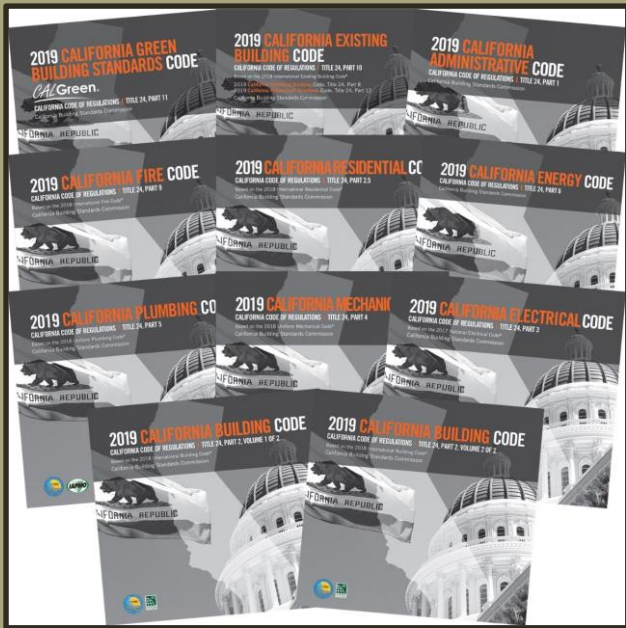
The background of the slide is a blurred photograph of several people sitting around a table in what appears to be a meeting or conference. The people are wearing various clothing, including a plaid shirt and a brown jacket. The overall tone is professional and collaborative.

## Local Government Adoption of Title 24 by Ordinance

- Title 24, California Code of Regulations is applicable to all occupancies throughout California, whether or not the local government takes an affirmative action to adopt Title 24. (Health and Safety Code, Sections 17950 and 18938(d).)
- Where is the local jurisdiction's authority to adopt & amend a local code legally established?
  - HSC 18941.5 (Building Standards Law)
  - HSC 17958 (State Housing Law)
  - HSC 13869 (Fire Protection Districts)
- In adopting Title 24 for local enforcement, the jurisdiction may amend the standards if such amendments are necessary to address a local geologic, topographic or climatic condition.



# What is Title 24, California Code of Regulations?



## Organized into 13 separate parts:

CA Administrative Code

CA Building Code

CA Residential Code

CA Electrical Code

CA Mechanical Code

CA Plumbing Code

CA Energy Code

CA State Historical Building Code

CA Fire Code

CA Existing Building Code

CA Green Building Standards Code

CA Reference Standards Code

## Staff Recommendations

- **ORDINANCE NO. XXXX** – Amending Title 14 of the Fullerton Municipal Code to ADOPT the 2019 Edition of the:
  - California Building Code with local amendments, including Appendices I, J, O
  - California Residential Code with local amendments, including Appendices H, V, X
  - California Electrical Code
  - California Mechanical Code
  - California Plumbing Code
  - California Energy Code
  - California Historical Building Code
  - California Existing Building Code
  - California Green Building Standards Code
- **ORDINANCE NO. XXXX** – Amending Title 13, Chapter 13.20 of the Fullerton Municipal Code to ADOPT the 2019 Edition of the California Fire Code with local amendments



A background image showing a group of people in a meeting, with their hands and arms visible as they look at documents or a screen. The image is slightly blurred and serves as a backdrop for the text overlays.

## Staff Recommendations

- **RESOLUTION NO. 2019-XX** – Setting forth local conditions justifying amendments due to local climatic, topological, and geographic conditions to the 2019 Edition of the:
  - California Building Code
  - California Residential Code
- **RESOLUTION NO. 2019-XX** – Setting forth local conditions justifying amendments due to local climatic, topological, and geographic conditions to the 2019 Edition of the California Fire Code

# Amended Codes

- **Administrative and Technical Amendments**
  - California Building Code
    - Adopt Appendix I (Patio Covers), Appendix J (Grading), Appendix O (Emergency Housing)
  - California Residential Code
    - Adopt Appendix H (Patio Covers), Appendix V (Swimming Pool Safety Act), Appendix X (Emergency Housing)
  - California Fire Code
- **Administrative Only**
  - California Electrical Code
  - California Plumbing Code
  - California Mechanical Code
  - California Existing Building Code
  - Green Building Standards Code



A background image showing a group of people, mostly women, gathered around a table, looking at and pointing to documents. They appear to be in a collaborative meeting or workshop setting. The image is slightly blurred and has a warm, orange-toned filter.

## Significant Changes from 2016 Edition to 2019 Edition

- Measurement of fire separation distance for the allowable area of openings are based on each individual story
- Occupant load for business areas has changed from 100 to 150 per square feet
- Interconnection of smoke alarms and carbon monoxide alarms in single-family dwellings
- Ventilation requirements for balcony and elevated surfaces
- Photovoltaic systems are now required for all single family and multifamily buildings
- Adoption of Appendix O in CBC and Appendix X in CRC related to Emergency Housing standards are adopted in this triennial code cycle to regulate the development of emergency housing or shelters during a declaration of shelter crisis.

# Amendments

- **Administrative Amendments**
  - References to Fee Schedule adopted by Community and Economic Development Department
  - Uniform appeals process
- **Technical Amendments**
  - Sprinkler systems required for major remodels to single-family dwellings
  - Safety feature requirements for swimming pools for single-family residences
  - Specific requirements for when a grading permit is required



# International Code Council

## Orange Empire Chapter

- International Code Council – Orange Empire Chapter
  - Code Adoption Subcommittee
    - Consisted of Building Officials from all over Orange County to create a uniform code adoption process
    - Subcommittee met monthly to discuss necessary local code amendments due to Orange County's geological, topographical and climatic conditions



for each of the Building Standards Codes. Depending on the subject of the appeal, specialized expertise may be solicited for the purpose of providing input to the Appeals Board.

h) Table 1505.1 is amended, by the deletion of Table 1505.1 and the addition of a new Table 1505.1 thereto, to read as follows:

**TABLE 1505.1\***  
**MINIMUM ROOF COVERING CLASSIFICATIONS**  
**TYPES OF CONSTRUCTION**

IA	IB	IIA	IIB	IIIA	IIIB	IV	V	VI
B	B	B	B	B	B	B	B	B

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m<sup>2</sup>.

a. Unless otherwise required in accordance with Chapter 2.

h) Section 1505.1.3 is amended, by the deletion of the entire section and the addition of a new section thereto, to read as follows:

**1505.1.3 Roof covering within 200 feet of areas.** The entire roof covering of every existing structure shall be replaced within 180 days of the date of issuance of the permit for the replacement of the roof covering of every new structure. The roof covering applied in the alteration, repair or replacement of the roof of every existing structure, shall be a fire-retardant roof covering that is at least Class B.

i) Section 1807.1 is amended to read as follows:

**1807. Prescriptive design of concrete and masonry foundation walls.** Concrete and masonry foundation walls that are laterally supported at the top and bottom shall be permitted to be designed and constructed in accordance with this section. Prescriptive design of foundation walls shall not be used for structures assigned to Seismic Design Category D, E or F.

j) Section 3109.2 is amended as follows:

**3109.2 Construction permit; safety features required.** New or remodel pools or spas, at a private single-family home, shall have an enclosure complying with the amended California Residential Code Appendix V.



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