Welcome! We will begin shortly. This presentation was brought to you by:

University of California Council of Campus Fire Marshals and the Capital Programs Institute partnering with CAL FIRE Office of the State Fire Marshal
CAL FIRE
Office of the State Fire Marshal
Statutes & Regulations

Presenters:

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| CAL FIRE OSFM, Assistant Deputy Director & Chief of Code Development & Analysis State Fire Training and Fire & Life Safety | Chief Wendy Collins |
| CAL FIRE OSFM, Division Chief of State Fire Training Division | Chief Andrew Henning |
| CAL FIRE OSFM, Plan Review Section | Chief Sandy Margullis |
Learning Objectives:

At the end of this course, participants will be able to:

- Recognize the laws and regulations that effect fire and life safety enforcement in California
- Understand the state statutory requirements and the authority of local departments review of Health and Safety Codes that relate to inspection responsibilities
- Understanding and use of modifications to model Building and Fire Codes relevant fire and life safety information not found in other Building and Fire Codes
- Understand the content of Title 19, California Code of Regulations
CAL FIRE
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Statutes & Regulations
Statutes & Regulation

Training Program

CAL FIRE
Office of the State Fire Marshal
Training Agenda

- INTRODUCTION
- LAWS & REGULATIONS
- TITLE 24
- TITLE 19
COURSE STRUCTURE

Instructor/Student Introductions

Introduction

Diagnostic Quiz

Lecture & Exercises

Final Exam
Instructor/Student Introductions

Your Name?

Your Organization?

Years of Prevention Experience?

Class Expectations?
To provide fire prevention personnel with the essential code enforcement tools they need to protect lives and property.
Places of detention are required to be inspected annually for fire safety

False

Health & Safety Code (HSC) §13146.1(b) The inspections shall be made at least once every two years for the purpose of enforcing the regulations adopted by the State Fire Marshal, pursuant to Section 13143, and the minimum standards pertaining to fire and life safety adopted by the Board of Corrections, pursuant to Section 603 of the Penal Code
The California Building Standards Code in CCR Title 24 is published by the California Building Standards Commission, and it applies to all building occupancies throughout the State of California.

True

HSC §18938. (a) Building standards shall be filed with the Secretary of State and codified only after they have been approved by the commission and shall not be published in any other title of the California Code of Regulations and shall apply to all occupancies throughout the state…
Matrix Adoption Tables in the Building Code (CBC) indicate which sections of the Code are to be enforced by the local fire authority

False

The matrix adoption tables, which follow, show the user which state agencies have adopted and/or amended given sections of the model code. The building application determines which state agency’s adoptions apply. See Section’s 102 through 114 for building applications and enforcement responsibilities
Public schools must be inspected annually by the local fire department

True

HSC §13146.3. The chief of any city or county fire department or district providing fire protection services and his authorized representative shall inspect every building used as a public or private school within his jurisdiction, for the purpose of enforcing regulations promulgated pursuant to Section 13143, not less than once each year. The State Fire Marshal and his authorized representatives shall make such inspections not less than once each year in areas outside of corporate cities and districts providing fire protection service.
Cities and Counties are not required to enforce Title 24

**False**

Cities and counties are required by state law to enforce CCR Title 24 (reference HSC Sections 17958, 17960, 18938(b), & 18948)
The local fire authority may not apply local ordinances relating specifically to Group R-3.1 Occupancies

True

HSC § 13133 “…building standards adopted by the SFM pursuant to this section and published in the State Building Standards Code relating to fire and panic safety, and other regulations adopted by the SFM pursuant to this section, shall apply uniformly throughout the state, and no city, county, city and county, including a charter city or charter county, or fire protection district shall adopt or enforce any ordinance or local rule or regulation relating to fire and panic safety in buildings or structures subject to this section that is inconsistent with building standards adopted by the SFM pursuant to this section and published in the State Building Standards Code relating to fire and panic safety, or other regulations adopted by the SFM pursuant to this section”
Title 19, California Code of Regulations (CCR), contains building standards

**False**

Title 24, CCR, contains the building standards. Title 19, CCR, contains the "other regulations" or the non-building standards of the State Fire Marshal
The California Building Code allows the local fire authority to grant alternate means of protection

**True**

See CBC §1.11.2.4 for specific SFM regulated occupancies and for non-SFM regulated occupancies see CBC §104.11 if adopted by the local fire authority.
Title 24, California Code of Regulations, is divided into twelve parts, of which Part 9 is the California Fire Code

True
An authority having jurisdiction, such as a fire department, has the legal right to waive or modify provisions of state law

False

State law can only be modified by the state legislature
Cities and counties may adopt ordinances making more restrictive requirements than provided by CCR Title 24, because of local climatic, geological, or topographical conditions

True

§17958.7. (a) Except as provided in §17922.6, the governing body of a city or county, before making any modifications or changes pursuant to §17958.5, shall make an express finding that such modifications or changes are reasonably necessary because of local climatic, geological, or topographical conditions
Regulations regarding gasoline vapor control systems can be found in the California Code of Regulations Title 19

True

Specifically those regulations can be found in Chapter 11.5 which include, definitions, certification, Vapor recovery installation, electrical and equipment certification
The requirements for fire drills in Group E occupancies are found in CCR Title 19?

True

See CCR, Title 19, Section 3.13
The Health & Safety Code gives local fire departments the authority to enforce State Fire Marshal's regulations in cities and fire districts.

**True**

HSC §13146 (a) The chief of any city or county fire department or district providing fire protection services, and their authorized representative, shall enforce such building standards and other regulations of the State Fire Marshal in their respective areas.
Title 19 authorizes the Office of the State Fire Marshal to issue code interpretations relative to the intent of any regulation or provision adopted by the State Fire Marshal

True

See CCR, Title 19 sub section 2.05
A fee equal to, but not exceeding the actual cost of the inspection may be charged for an annual inspection of an Group R-3.1 (6 or less) facility

False

HSC §1566.2 neither the SFM nor any local public entity shall charge any fee for enforcing fire inspection regulations pursuant to state law or regulation or local ordinance, with respect to residential facilities which serve six or fewer persons. Also, there are no requirements for an annual inspection, (must be treated as any other single-family dwelling)
Explosives regulations are found in Title 19

True

See CCR Title 19 Chapter 10
The primary fire enforcing agency may conduct the final fire clearance inspection for a residential care facility at their earliest convenience

False

HSC § 13235 (b) The primary fire enforcing agency shall complete the final fire clearance inspection for a community care facility, residential care facility for the elderly, or child day care facility within 30 days of receipt of the request for the final inspection
Fire extinguisher regulations found in CCR Title 19 shall be enforced in all occupancies in California

**True**

HSC §13190.3 Any portable fire extinguisher that is required to be installed by a statute or ordinance shall be maintained in accordance with the regulations adopted pursuant to §13160
State Fire Marshal Regulated occupancies include: A, B, C, E, I and R

False

HSC §13143-13146 State Fire Marshal regulated occupancies include:

A, C, E, I, L, R, and High Rises
OFFICE OF THE STATE FIRE MARSHAL

The mission of the State Fire Marshal is to protect life and property through the development and application of fire prevention engineering, education and enforcement.
OBJECTIVE

To understand how the history of the SFM impacts fire & life safety in California.

To identify SFM organizational structure and local representatives.
HISTORY OF THE SFM

SFM Mission

Is to protect life and property through the development and application of:

- Fire prevention engineering
- Fire education
- Enforcement

California State Fire Marshal (Acting)
Mike Riichwine
Assembly Bill 409 introduced by Assemblyman Harry Morrison of San Francisco, established the Office of the State Fire Marshal in May of 1923.

Since then several hundred laws have been added to the statutory obligation of the SFM.
HISTORY OF THE SFM

• 1937- First fireworks law
• 1939- Health & Safety Code established
• 1945- Established the Fire Advisory Board
• 1945- Flammable Fabrics Law
• 1951- Established the Building Standards Commission
• 1955- Fireworks law revised
HISTORY OF THE SFM

- 1955- Listing program established
- 1957- Fire District Act approved
- 1965- HSC required automatic sprinkler systems in all care facilities
- 1969- SFM given authority to inspect other occupancies beyond Institutions
- 1971- HSC required hospitals to have automatic sprinkler systems
HISTORY OF THE SFM

- 1971- HSC requires sprinkler for non-ambulatory 6 or more
- 1972- SFM responsible to develop CFIRS
- 1973- Fire Advisory Board replaced with State Board of Fire Services
- 1974- Arson Bomb Unit established
- 1978 Fire Training transferred from Dept. of Education to SFM
HISTORY OF THE SFM

• 1978 Jails and Detention Centers to be inspected annually

• 1982 Fixed Fire Extinguishing Program established

• 1983 Large Family Day Care added to SFM authority

• 1983 Smoke detectors required in all family occupancies
HISTORY OF THE SFM

- 1985 Governor’s Arson Task Force established
- 1986 Special Effects Unit coordinates with film industry
- 1989 SFM transferred all building requirements to CBSC
- 1991 SFM adopts regulations for security bars
HISTORY OF THE SFM

• 1994 SFM to develop model I-Zone ordinance

• 1996 Reorganization with Department of Forestry and Fire Protection (CDF) AKA CAL FIRE

• 1998 SFM to distribute information on burglar bars

• 2001 Requires new school construction to have automatic fire detection, alarm, and sprinklers
HISTORY OF THE SFM

• 2002 Legislation would prohibit the sale of wood roof coverings until they are listed with the SFM

• 01/2007 State Pipeline Operator Standard Mapping System Operator Standard

• 7/2007 Appointed to Blue Ribbon Committee - Tahoe Fire

• 08/2008 Tahoe Basin Report
HISTORY OF THE SFM

- 2011 Water based Fire Protection Discharge BMP Manual
- 01/2011 Residential sprinklers required for all newly constructed single family dwellings and townhomes
- 2015 Annual inspections required for liquid pipeline
- 2015 Licensing for FSS Pipefitters
HISTORY OF THE SFM

- 2015 Licensing for Sprinkler System Pipefitters
- 2017 DIG Board Created
Northern Region Headquarters
   1131 “S” Street
   Sacramento, CA 95811
   (916) 445-8200

Southern Region Headquarters
   602 East Huntington Drive, Suite A
   Monrovia, CA 91015
   (626) 305-1908

Pipeline Safety Division
   3950 Paramount Blvd, Suite 210
   Lakewood, CA 90712
   (562) 497-9102
Six Divisions within the SFM Office

- Fire Engineering
- State Fire Training
- Pipeline Safety
- Code Development and Analysis
- Fire & Life Safety (North and South)
- Planning and Risk Analysis
  - California All Incident Reporting System (CAIRS)
  - Wildland Fire Prevention Engineering
  - Land Use Planning
Fire Engineering

- Licensing and certification of portable fire extinguisher companies, companies performing installation and maintenance of fixed automatic fire extinguishing systems
- Building and Materials listing program
- Dangerous and consumer (“safe-and-sane”) fireworks
- Flame retardant fabrics and chemicals
- Laboratory Accreditation
- Certifying Vapor recovery systems & components
- Filming industry
- Law Enforcement
Engineering & Investigation Program Contacts

Automatic Extinguishing Systems Program
AES@fire.ca.gov

Building Materials Listing Program
BML.Program@fire.ca.gov

Fire Extinguisher Program
FE@fire.ca.gov

Fireworks Program
FWX@fire.ca.gov

Flame Retardant Program (Fabric, Chemical, Tents)
FR@Fire.ca.gov

Motion Pictures Program
MP@fire.ca.gov

Vapor Recovery Program
VR@fire.ca.gov
State Fire Training

- Provides training courses for the Fire Service
- California Fire Service Training and Education System (CFSTES). The system outlines certification “tracks” for both volunteer and career firefighters, i.e. Fire Officer.
- Fire Service Training and Education Program (FSTEP). Assists local fire agencies in meeting their specific training needs, i.e. EMT.
Pipeline Safety

• SFM acts as an agent for the U.S. Dept. of Transportation.

• Exercise exclusive safety regulatory and enforcement authority over intrastate hazardous liquid pipelines.

• Hazardous materials (CUPA)
Code Development and Analysis

- Review all of California’s regulations relating to fire and life safety for relevancy, necessity, conflict, duplication and/or overlap.

- The division also prepares the OSFM’s fire & life safety regulations and building standards for review and adoption by the California Buildings Standards Commission, i.e. 2016 CBC and CFC
Planning and Risk Analysis

• California All Incident Reporting System (CAIRS)
• Wildland Fire Prevention Engineering
• Fire Plan
Fire & Life Safety (FLS)

- 58 Counties
- +/- 45,000 State Owned Buildings
- 23 CSU Campuses
- 38 State Prisons
- 3 Juvenile Institutions
- 53 District Agricultural Fairs
- Does not include State leased
- Buildings owned and occupied by state agencies
- Educational occupancies
  - State owned
  - Unincorporated areas
- Cal State Universities
- High-rises
- State Hospitals
- Jails and Local Detention Facilities
- Prisons
- Superior Courts
- DAA Fairs
- State Parks
- Organized Camps
- California Aqueduct Pumping Facilities
- Special Events
  - Public fireworks displays
  - Filming
  - Special Effects
- Residential Care Facilities
  - State owned
  - Unincorporated areas
California State Fire Marshal Fire
and Life Safety Division

REPORTING FIRES AND EXPLOSIONS IN STATE-
OWNED OR STATE-LEASED FACILITIES

The California Health and Safety Code Section 13107 require that all fires or explosions in or on state-owned, state-occupied facilities and properties be investigated by the State Fire Marshal (SFM). Notification of the State Fire Marshal’s Office shall be immediate. The number to contact is (916) 323-7390. The Duty Officer will answer this phone on a 24/7 basis. You need to have the following information:

1. Type of incident (fire or explosion, etc)
2. Location of incident
3. Time of incident
4. Was Fire/Police Department dispatched
5. Information on any injury or fatality
6. Name and phone number for a call back

It should be noted that it is the responsibility of the facility to contact the Duty Officer to report the incident. Please do not contact the assigned field deputy (DSFM). The Duty Officer will contact appropriate Division Chief or Supervisors. The Division Chief or Supervisor will make a decision to dispatch an investigator or DSFM. If necessary, both investigator and DSFM will be dispatched.

DUTY CHIEF NUMBER (916) 323-7390
California Underground Facilities Safe Excavation Board – “Dig Board”

- Created by legislation in 2016
- Charged with
  - Develop safe excavation standards around buried utilities
  - Coordinate safe digging education & outreach
  - Conduct accident investigations
The State Fire Marshal is a powerful partner and ally in all of your code enforcement programs.
OBJECTIVE

• To differentiate between a statute and regulation
• To identify your authority to enforce statutes and regulations
• To reference specific state regulations
The Health & Safety Code is one of 29 bodies of law enacted by the legislature.

Other fire-related laws:
- Education Code
- Government Code
- Penal Code
- Public Resources Code
The Health & Safety Code has 42 Divisions:

• Division 11
  — Explosive Laws

• Division 12
  — Functions of the State Fire Marshal

• Division 12.5
  — State Fire Marshal Responsibility
Fire Protection District Law

- Health & Safety Code §13800 through §13970

Fire protection can be provided by:

- Fire Department
- Fire District
- Community Service Districts
- Other Legal Organizations
• The Health & Safety Code gives code officials the authority to enforce regulations

• State law gives local fire departments pre-fire planning authority in State owned or State occupied occupied occupancies where regulations cannot be enforced locally. HSC §13108(b)
Local jurisdictions cannot enforce regulations in:

- State Owned Building
- State Occupied Buildings
- State Institutions
- Federal or Native American Property
The Health & Safety Code can be found on the Web at:

http://leginfo.legislature.ca.gov/
Law:

• A rule established by statute mandated by legislation

• Provisions of the Health & Safety Code are laws which preempt state and local regulations
  
  — Example: HSC §13131.5, RCF Building Standards
Regulation:

• A principle or rule designed to govern behavior

• Regulations require consensus through public hearings and can easily be modified through code adoption process
California Regulations:

- Title 19- Public Safety Code
- Title 24- Building Standards Code
- Other Titles:
  - Title 8: Cal/OSHA
  - Title 14- Natural Resources
  - Title 22- Social Services
Title 19- Public Safety Code

• Non-building standards adopted by the State Fire Marshal

• These regulations are adopted through the Office of Administrative Law (OAL)

http://www.oal.ca.gov/
Title 24- Building Standards Code

• Building and Fire Codes are based on “model” Code
• These codes are adopted through the Building Standards Commission

www.bsc.ca.gov
Other Important References:

- NFPA Standards
- ICC Publications
- Lexis Nexis 2017 California Fire Laws
Summary

• The Health & Safety Code lays out State Law regarding fire protection and fire safety in California

• Fire safety regulations are written by the State Fire Marshal and Found in Title 19 of the California Code of Regulations and Title 24 of the Building Standards Code
CALIFORNIA REGULATIONS

State Fire Marshal & Local Fire Enforcement Authority

Office of the State Fire Marshal
• §13100.1- The function of the Office shall be to foster, promote and develop ways and means of protecting life and property against fire and panic

• §13103- The SFM and the Assistant or Deputy State Fire Marshal’s shall exercise the functions of Peace Officers

• §13104- The SFM shall aid in the enforcement of all laws and ordinance's
• §13105- The SFM shall adopt Fire Prevention Measures by means of education, engineering and enforcement

• §13105.5- The SFM shall provide Fire Prevention Training for Fire Prevention Inspectors

• §13107 (a)- The SFM shall investigate every explosion or fire in State owned/occupied buildings
SFM AUTHORITY

- **§13107.5-** The SFM shall investigate every break or fire involving a pipeline

- **§13108-** The SFM shall prepare and adopt building standards for fire and panic safety
• §13108(c) - The SFM shall enforce the regulations adopted by him/her in all State owned, State occupied and State institutions throughout the State

• §13217 High Rise inspections: If the local fire department elects not to conduct the annual inspection of high rise facilities within their jurisdiction the State Fire Marshal shall conduct the inspection/s.
• §13143- State Fire Marshal regulated occupancies, A, C, E, I, L, R and High Rise

• §13146- SFM & Local Authority to enforce regulations adopted by the SFM

• §13146.1 (a) shall inspect every jail or place of detention unless requested in writing by the local Fire Chief to conduct those inspections.
• §13195- State Fire Marshal shall adopt and administer regulations and building standards for servicing, testing, and maintaining all automatic fire extinguishing systems

• §13199- violation of any provisions of this chapter or any regulation or building is guilty of a misdemeanor punishable by a fine of not more than ten thousand dollars ($10,000), or by imprisonment for not more than six months
• §13144.5 The State Fire Marshal shall prepare and conduct voluntary regular training sessions devoted to the interpretation and application of the laws and rules and regulations in Title 19 and Title 24 of the CCR relating to fire and panic safety and shall include interpretation of regulations for community care facilities.
Health & Safety Code §13138. (a) For state agencies, local agencies, or private entities that are charged for the costs of fire and life safety building code inspections & related fire and life safety activities rendered by the State Fire Marshal, the State Fire Marshal shall charge an amount sufficient to recover the costs incurred for those related fire and life safety activities.
• §13108(b)- The Fire Chief or authorized representative may enter any state owned/occupied or institution for the purposes of pre-fire planning

• §13109- The Fire Chief or authorized representative may enter any building or premise not used for dwelling purposes at any reasonable hour for the purposes of enforcement
• §13143.5- Allows for local modifications to California Building Standards Code for Fire and Panic Safety

• §13143.5(e)- Cannot modify regulations for schools
• **§13145-** The Fire Chief or authorized representative shall enforce building standards for fire and panic safety adopted by the SFM

• **§13146(a)-** Enforcement authority to regulate fire and panic safety in R-3 (single family dwellings) shall be designated to either the Fire Chief or Building Official
LOCAL AUTHORITY

• §13146.1- Local jail inspections every two years

• §13146.2(a)- Annual inspection of hotels, motels, apartments (R-1) (H & S Code 17921)

• §13146.3- Annual inspections of Public or Private Schools
LOCAL AUTHORITY

- **§13146.5**- Enforcement shall be at the local level, if possible and conducted by an organized fire department

- **§13217**- Annual High-Rise Inspection
• §18941.5(b)- shall limit the authority of a city, county, or city and county to establish more restrictive building standards, including, but not limited to, green building standards, reasonably necessary because of local climatic, geological, or topographical conditions.
<table>
<thead>
<tr>
<th>HEALTH and SAFETY CODE</th>
<th>STATUTORY SCOPE OF AUTHORITY FOR SFM TO ADOPT REGULATIONS</th>
<th>ENFORCEMENT AUTHORITY</th>
<th>CAN LOCALS BE MORE RESTRICTIVE?</th>
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<tbody>
<tr>
<td>12081</td>
<td>Explosives</td>
<td>Local or SFM</td>
<td>Yes</td>
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<tr>
<td>12552</td>
<td>Fireworks</td>
<td>Local or SFM</td>
<td>Yes</td>
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<tr>
<td>13108</td>
<td>State owned, state occupied &amp; state institutions</td>
<td>SFM</td>
<td>No</td>
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<td>13113.5</td>
<td>Smoke detectors in residential care facilities and day cares housing six or less</td>
<td>Local or SFM</td>
<td>No</td>
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<td>13113.9</td>
<td>Burglar Bars</td>
<td>Local or SFM</td>
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<td>13114</td>
<td>Fire alarm systems</td>
<td>Local or SFM</td>
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<tr>
<td>13115</td>
<td>Tents</td>
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<td>R-2.1’s (7 + non-amb elderly)</td>
<td>Local or SFM</td>
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<td>Residential Care Facilities</td>
<td>Local or SFM</td>
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<tr>
<td>13143</td>
<td>A’s, E’s I’s</td>
<td>Local or SFM</td>
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<td>13143.1</td>
<td>Motional picture and TV studios</td>
<td>Local or SFM</td>
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<td>13143.2</td>
<td>R-1 occupancies</td>
<td>Local or SFM</td>
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<td>13143.6</td>
<td>Protective Social Care</td>
<td>Local or SFM</td>
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<td>13143.9</td>
<td>Hazardous materials as defined by 1988 UFC</td>
<td>Local or SFM</td>
<td>Yes</td>
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<td>13160</td>
<td>Portable Fire Extinguishers</td>
<td>Local or SFM</td>
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<td>13211</td>
<td>High rise buildings</td>
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<td>18897.3</td>
<td>Organized Camps</td>
<td>Local or SFM</td>
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<td>41956</td>
<td>Gasoline vapor recovery equipment</td>
<td>Local or SFM</td>
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MANDATED INSPECTIONS

- Schools
- Jails
- High-rise
- R-1 & R-2
Public/Private Schools

- Health & Safety Code §13146.3 requires an annual inspection public and private schools
Jails

- HSC §13146.1 requires an inspection of every jail or place of detention for persons charged with or convicted of a crime every two years.
MANDATED INSPECTIONS

HIGH RISE BUILDINGS

• Health & Safety Code §13217 requires an annual inspection of high rise buildings
MANDATED INSPECTIONS

Residential Occupancies

• Health & Safety Code §13146.2 and 17921 (b) require the local fire department to inspect all hotels, motels, lodging houses and apartment houses, including dormitories, annually.
Statutes & Regulation

Training Program

Training Agenda

- INTRODUCTION
- LAWS & REGULATIONS
- TITLE 24
- TITLE 19
MODEL TO STATE CODE
What is a model code?

From model to state code

• Distinguishing model code language from state amendments

• Interpreting matrix adoption tables

• Buildings standards vs. non-building standards
H & S Code 18916. "Model code" means any building code drafted by private organizations or otherwise, and shall include, but not be limited to, the latest edition of the following:

- Building Code
- Plumbing Code
- Electrical Code
- Fire Code
- Mechanical Code
PARTS OF CCR TITLE 24

- Part 1- California Administrative Code
- Part 2- Volumes 1 & 2- CA Building Code
  - 2015 International Building Code (ICC)
- Part 2.5- California Residential Code
  - 2015 International Residential Code (ICC)
- Part 3- California Electrical Code
  - 2014 National Electrical Code (NFPA)
PARTS OF CCR TITLE 24

• Part 4- California Mechanical Code
  • 2015 Uniform Mechanical Code (IAPMO)
• Part 5- California Plumbing Code
  • 2015 Uniform Plumbing Code (IAPMO)
• Part 6- California Energy Code
• Part 8- State Historical Building Code
• Part 9- California Fire Code
  • 2015 International Fire Code (ICC)
PARTS OF CCR TITLE 24

• Part 10- California Existing Building Code
  • 2015 International Existing Building Code
• Part 11- CA Green Building Standards Code
  • Also called the CAL Green Code
• Part 12- California Reference Standards Code
WHY DO WE HAVE STATE AMENDMENTS?

- Eliminate conflict with state laws
- To include requirements of state laws
- To eliminate conflicts with other adopted model codes.
- Areas where California needs to be more restrictive than the model code
• Amendments are shown in italic font
• An entire section may be added
• Some state language may be added to a section
• Some model code language within a section may be deleted
• Entire sections of model code language may be deleted
• Example
  - **425.8.9 Basement exits.** One exit is required to grade level when the basement is accessible to clients.
• The California Building Standards Commission (CBSC) adopts the model codes as the State Building Standards Code with the state agency amendments. (HSC 18916)
The California Building Standards Codes are published once every 3 years (Triennial Code Adoption Cycle) with one interim supplement published 18 months later (Intervening Code Adoption Cycle) (HSC 18942)

• excluding emergency regulations or errata's
STATE AGENCIES INVOLVED

- Office of the State Fire Marshal (SFM)
- Department of Housing and Community Development (HCD)
- Division of the State Architect (DSA)
- Office of Statewide Health Planning and Development (OSHPD)
- Department of Consumer Affairs (CA)
- California Department of Public Health (DPH)
TITLE 24 CODE ADOPTION PROCESS

- Pre-Rulemaking Activities
- Code Advisory Committees (CAC)
- Notice of Rulemaking Activity
- Comment Periods (45-day and 15-day)
- Commission Action (approve and adopt) (G.C. 18938.3)
- Publication and Effective Date (180 days after publication)
- The entire process is roughly 1 year
CBSC Rulemaking Process

Legislature grants authority to State Agency to propose building standards

State Agency

Initial Statement of Reasons (ISOR)

Public Participation

Agency Approvals

Develop proposed Building Standards

Begin CBSC Rulemaking Cycle (no time limit)

State Agencies review CAC recommendations and updates proposed building standards

Code Advisory Committee Recommendations sent to State Agencies for consideration

Code Advisory Committee (CAC) Meetings

CAC Recommendations
- APPROVE
- DISAPPROVE
- APPROVE AS AMENDED
- FURTHER STUDY

Submit proposed building standard to CBSC
LOCAL ADOPTION ORDINANCES

• A local jurisdiction cannot establish **less** restrictive building standards than the state code.
• A local jurisdiction may establish more restrictive building standards than the state code if they are based upon local **Climatic**, **Geological**, or **Topographical** conditions.
• Local ordinances amending Title 24 must be filed with the CBSC
Errata's

- Correcting an error
- Changes without regulatory effect
- Issued on buff colored paper.

Supplement's

- Revisions or additions
- Two Types of Supplement's
  - Regular
  - Emergency
    - Issued on blue paper.
STATUTORY AUTHORITY FOR THE ADOPTION OF BUILDING STANDARDS

- Government Code (GC 50020 et. seq.)
- Fire Protection District Law 1961 (HSC 13869 et. seq.)
- State Housing Law (HSC 17922 et. seq.)
- Building Standards Law (HSC 18938 et. seq.)

http://leginfo.legislature.ca.gov/faces/codes.xhtml
• Title 24 can only containing building standards
• All SFM related non-building standards are in Title 19
• Building standards
  ○ Most chapters of the Fire Code have now been adopted by the State
  ○ See Health & Safety Code Section 18909
• Non-building standards
  o Chapter 3, 4, 8, 25, 26, 56
  o Fire apparatus access roads (T-19)
  o Appendices (not all)
• Title 19 - Public Safety (non-Building Standards)
  ○ The process of adopting regulations is governed by requirements in the Administrative Procedure Act (commencing with Government Code Section 11340)
• Title 19 - Public Safety (non-Building Standards)
  o Pre-Rulemaking Activities
  o Notice of Rulemaking Activity
  o Comment Periods (45-day and 15-day)
  o Office of Administrative Law Review
  o Publication and Effective Date
• Title 24 is divided into Parts, and Part 9 is the CFC.

• Title 24 applies throughout the State of California and for all occupancies.

• A California Amendment within Title 24 will be identified by italic font print.
To be able to use the matrix adoption tables effectively

To become familiar with specific sections in Title 24
ABBREVIATIONS

CBSC – California Building Standards Commission
SFM – State Fire Marshal
DPH – Department of Public Health
HCD – Housing & Community Development
DSA – Division of State Architect
OSHPD – Office of Statewide Health Planning & Development
MARGIN SYMBOLS

Changes in California Building Code sections from the previous edition are indicated by **double vertical line** next to that section.

Changes in a model code from the previous edition are indicated by a **solid vertical line** next to that section.

**Exception:** when an entire chapter is revised, this will be stated at the beginning of the chapter.
MARGIN SYMBOLS

• A heavy or solid arrow (➡) in the text means a deletion from the previous code edition.

• An open caret (>) shown in the text means a deletion from the previous edition of the California Building Code section.

• Single Asterisk (*) placed in the margin indicates that text or a table has been relocated within the code.

• Double Asterisk (**) placed in the margin indicates that the text or table immediately following it has been relocated there from elsewhere in the code.
What is the “Agency Adoption Matrix Table”?

- Not all chapters and sections of the model codes are adopted by the state agencies.
- The matrix adoption tables show which state agencies have adopted and/or amended the model code.
- It also identifies which specific sections of the code the agency has adopted and/or amended.

Important:

- The Fire code matrix adoption tables also identify (CCR) Title 19 provisions that have been reprinted for the code user’s convenience.
The state agency has adopted the entire model code chapter without any state amendments.

<table>
<thead>
<tr>
<th>Adopting agency</th>
<th>BSC</th>
<th>SFM</th>
<th>HCD</th>
<th>DSA</th>
<th>OSHPD</th>
<th>CSA</th>
<th>DPH</th>
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</table>

**CHAPTER 2 – DEFINITIONS AND ABBREVIATIONS**
The state agency has adopted the entire model code chapter; with state amendments. Each state-amended section that the agency has added to that particular chapter is listed.
### MATR X ADOPTION TABLE

#### CHAPTER 2 - DEFINITIONS AND ABBREVIATIONS

<table>
<thead>
<tr>
<th>Adopting Agency</th>
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</tbody>
</table>

The state agency is adopting only specific model code or state-amended sections within this chapter. There will be an “X” in the column under the agency’s acronym, as well as an “X” by each section that the agency has adopted.
If there is an “X” in the T-19 column under SFM, this means that the corresponding section was reprinted from Title 19.
<p>| | | | | |</p>
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</table>

This state agency does not adopt sections identified with the following symbol: †

The state agency does not adopt sections identified with the “†” symbol.
### MATRIX ADOPTION TABLE

Which state agencies will affect you the most?

<table>
<thead>
<tr>
<th>Agency</th>
<th>Category</th>
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<tbody>
<tr>
<td>HCD-1</td>
<td>Hotel, Apartment, Condo, Dwellings</td>
</tr>
<tr>
<td>HCD-2</td>
<td>Mobile Home Parks</td>
</tr>
<tr>
<td>SFM</td>
<td>A, C, E, H, I, L, R, High-rise, other</td>
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<tr>
<td>DSA/AC</td>
<td>Disabled Access</td>
</tr>
<tr>
<td>OSHPD3</td>
<td>Licensed Clinics and Outpatient Services</td>
</tr>
</tbody>
</table>
• California does not do retroactive enforcement
  ○ Existing non-conforming
  ○ Held to the year they were built under
• T-24 applies to all occupancies
• Section 1.11 outlines the OSFM scope and responsibility
• Shows delegation to local authority
CHAPTER 1 - ADMINISTRATION

• CBC goes into effect 180 days after publication of a new code edition
  ○ Unless it’s an emergency or errata
• Amendments to model code apply typically only to occupancies regulated by a specific state agency
In cases where the code is in conflict with another – the more restrictive applies

- **Section 1.1.7** list the Order of precedence
- **Differences** - when Title 24 is different than a reference document, Title 24 takes precedence
- **Specific provisions** - Where a specific provision varies from a general provision, the specific provision shall apply
- **Conflicts** - When the requirements of Title 24 conflict, the most restrictive requirements shall prevail
CHAPTER 1 - ADMINISTRATION

• Building Alterations
• Alternative Materials
• Variances and Waivers
• Findings of Facts
• Local Modifications
CHAPTER 2 - DEFINITIONS

• Where the CBC does not provide a definition:
  o “Webster’s Third New International Dictionary of the English Language, Unabridged” shall be considered as providing ordinary accepted meanings

• “Building” Shall Have the Same meaning as Health & Safety Code § 17920 & 18908
SFM shall prepare and adopt regulations for the prevention of:

- fire
- panic
SFM REGULATED OCCUPANCIES

- A Occupancies
- C Occupancies
- E Occupancies
- I Occupancies
- L Occupancies
- R Occupancies
- High-rise
• State Fire Marshal:
  o deputies
  o salaried assistants

• Fire Chief:
  o city fire department and their authorized representatives
  o county fire department and their authorized representatives
  o fire protection district and their authorized representatives
In any building or structure used or intended for use, as any assembly occupancy where 50 or more persons may gather together in;

- Building
- Room
- Structure
GROUP A OCCUPANCIES

For the purpose of:

- amusement
- entertainment
- instruction
- deliberation
- worship
- drinking or dining
- awaiting transportation
- education
A-1 Buildings intended for the production and viewing of performing arts or motion pictures (theaters, concert halls).
ASSEMBLY OCCUPANCIES

A-2 Buildings intended for food and/or drink consumption (restaurants).

A-3 Buildings intended for worship, recreation or amusement and other assembly uses not otherwise classified.
ASSEMBLY OCCUPANCIES

A-4 Buildings intended for viewing of indoor sporting events and activities with spectator seating (arenas).

A-5 Buildings intended for participation in or viewing outdoor activities (stadiums).
Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:
  - SFM
  - Local government
Health & Safety Code, §13146
(b) The chief of any city or county fire department or of any fire protection district, and their authorized representatives, shall enforce within its jurisdiction the building standards and other regulations of the State Fire Marshal, except those described in subdivision (a)(R-3) or (d)(Corporate Cities).
Health & Safety Code, §13146 The State Fire Marshal shall have authority to enforce building standards & other regulations of OSFM

- in areas outside of corporate cities and districts
- in corporate cities and districts upon request of the chief fire official or the governing body.
Are Assembly Occupancies listed as one of the required state mandated annual inspections?

No

This is **not** mandated by statute or regulation and no state license or fire clearance is required.
Can Local government adopt more restrictive regulations then those adopted by the SFM for Assembly Occupancies?

YES

Health & Safety Code, §18941.5 (b)
- Local climatic, geological, or topographical conditions
Can local Government charge a fee for inspections conducted in Assembly Occupancies?

YES

Health & Safety Code 13146 &
  o Government Code §66014 (reasonable Costs)
What is an “Organized Camp”?  

**Health & Safety Code, §18897**-A site with program and facilities established for the primary purpose of providing an outdoor group living experience with

- Social
- Spiritual
- Educational
- Recreational

for five days or more during one or more seasons of the year.
What isn’t an “Organized Camp"?

Health & Safety Code, §18897 organized camp does not include:

- motel
- tourist camp
- trailer park
- resort
- hunting camp
- auto court - (KOA)
- labor camp - (Farm Workers)
- Homeless camp
- penal or correctional camp
- a child care institution or home-finding agency.
- any charitable or recreational organization that complies with the rules and regulations for recreational trailer parks.
Health & Safety Code §18897.5 Building standards and other regulations adopted by the State Fire Marshal shall be enforced in the same manner as is prescribed by:

- § 13145
- § 13146

13146.5 So far as practical be carried out at the local level by persons who are regular full time members of an organized fire agency.
Are camps listed as one of the required state mandated annual inspections?

No

This is not mandated by statute or regulation and no state license or fire clearance is required.
Can Local government adopt more restrictive regulations than those adopted by the SFM for Camps?

No

Title 19 1.07 (d) Organized Camps (A.G. Opinion 1974)
ABILITY TO CHARGE AN INSPECTION FEE

Can local Government charge a fee for inspections conducted in Camps?

No

Since fees are adopted through local ordinances and local ordinances do not apply to these facilities.
Health & Safety Code 13143

• In any building or structure used or intended for use through the 12 grade:
  o Public Schools
  o Private Schools
  o Charter Schools
    o Public or Private
Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

- SFM
- Local government
Are Educational Occupancies K-12 listed as one of the required state mandated annual inspections?

YES

- The chief of any city or county fire department or district providing fire protection services and his or her authorized representatives shall inspect every building used as a public or private school within his or her jurisdiction, for the purpose of enforcing regulations promulgated pursuant to Section 13146.3, not less than once each year.

- The State Fire Marshal shall make these inspections in areas outside of corporate cities and districts.
Can Local government adopt more restrictive regulations than those adopted by the SFM for Educational Occupancies K-12?

No

Not permitted based upon case law: Hall vs. City of Taft (Title 19 1.07) 1956 (Public Schools)
Can local Government charge a fee for inspections conducted in Educational Occupancies K-12?

- Title 19 1.07 (Local Ordinance)
- Local fees are adopted through local ordinances and local ordinances do not apply to these facilities.
EDUCATION CODE - Section 66700

- 66700 The California Community Colleges are post secondary schools and shall continue to be a part of the public schools system of this state.

- Inspection cycle would be up to local AHJ
Day care facility shall be classified as Group E occupancy when the facility provides day care for more than 6 children aged 2 and over or the facility provides care for more than 6 but no more than 100 children aged under 2 on less than a 24 hour basis.

- CBC Section 442 – Group E Day Care General Provisions
- CFC 907.2.3.8.1 – Group E Fire Alarm
- CFC 903.2.3 – Group E Fire Sprinklers
- **Not a State Mandated Inspection**
Are Educational Occupancies K-12 listed as one of the required state mandated annual inspections?

YES

• The chief of any city or county fire department or district providing fire protection services and his or her authorized representatives shall inspect every building used as a public or private school within his or her jurisdiction, for the purpose of enforcing regulations promulgated pursuant to Section 13146.3, not less than once each year.

• The State Fire Marshal shall make these inspections in areas outside of corporate cities and districts.
GROUP I OCCUPANCIES

- Prison
- Hospital
- Daycare
Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

• SFM

• Local government
Are Group I-2 Hospital Occupancies listed as one of the required state mandated annual inspections?

No

• This is not mandated by statute or regulation
Hospitals are required to comply most provisions contained in CBC § 403 for high-rise buildings, however, hospitals are not part of the defined high-rise and are exempt from other statutory mandates.
• Health & Safety Code, §129680
• Office of Statewide Health Planning and Development (OSHPD) has jurisdiction over hospital construction.
• Local ordinances do not apply
Group I-2.1 Ambulatory health care facility. For outpatient medical care that may render the patient incapable of unassisted self-preservation and where each tenant space accommodates more than five such patients.
Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

- SFM
- Local government
Are Group I-2.1 Ambulatory health care facility listed as one of the required state mandated annual inspections?

No

• This is not mandated by statute or regulation.
• 850 Fire Clearance may be required
Can local Government charge a fee for inspections conducted in I-2.1 Occupancies (Ambulatory Surgical Centers)?

Yes

• 13146 (f) Any fee charged pursuant to the enforcement authority of this section shall not exceed the estimated reasonable cost of providing the service for which the fee is charged, pursuant to Section 66014 of the Government Code.
Authority to Inspect Group I-3 Occupancies (Local Jails) Health & Safety Code 13146.1

- State Fire Marshal, unless the chief of any city or county fire department or fire protection district, or that chief's authorized representative, indicates in writing to the State Fire Marshal that inspections of jails or places of detention, therein, shall be conducted by the chief, or the chief's authorized representative and submits the reports as required in subdivision (c).
Can local Government charge a fee for inspections conducted in I Occupancies (Local Jails)?

Yes

- 13146 (f) Any fee charged pursuant to the enforcement authority of this section shall not exceed the estimated reasonable cost of providing the service for which the fee is charged, pursuant to Section 66014 of the Government Code.
Health & Safety Code 13146.1(d)

The State Fire Marshal, or his authorized representative may charge and collect a fee for the inspection from the local government sufficient to pay the cost of that inspection or related fire & life safety activities.
Institutional Group I-4, day care facilities. This group shall include buildings and structures occupied by more than six clients of any age who receive custodial care for fewer than 24 hours per day

- Adult day care
- Child day care

• CBC Section 426.1 Group I-4 provisions
Can Local government adopt more restrictive regulations than those adopted by the SFM for Group I Occupancies?

Yes

Health & Safety Code, §18941.5 (b)
- Local climatic, geological, or topographical conditions
Health & Safety Code § 1584

• (1) The center shall be subject to all fire and building codes, regulations, and standards applicable to adult day health care centers using egress control devices or secured perimeter fences and shall receive
  o fire clearance from the fire authority is required

• (7) Emergency fire and earthquake drills shall be conducted at least once every three months, or more frequently as required by a county or city fire department or local fire prevention district.
Health & Safety Code § 1596.95(f)

- Fire escape and disaster plan
- Conduct fire and disaster drills at least once every six months
- Documentation of these drills shall be maintained at the facility
  - Shall include the date and time of the drills.
- One or more carbon monoxide detectors
  - Licensing Agency shall account for the presence of these detectors during inspections - not local fire.
RESPONSIBILITY TO INSPECT

Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

- SFM
- Local government
Are Group I-4 day care facilities listed as one of the required state mandated annual inspections?

No

• This is not mandated by statute or regulation.
• An initial 850 Fire Clearance is required
Can local Government charge a fee for inspections conducted in I-4 occupancies?

Yes

13146 (f) Any fee charged pursuant to the enforcement authority of this section shall not exceed the estimated reasonable cost of providing the service for which the fee is charged, pursuant to Section 66014 of the Government Code.
Health & Safety Code § 1597.46 defines and provides requirements which are repeated in CBC 455

- Single Family Dwelling (local permit required)
- Local Ordinances of reasonable restrictions and requirements of:
  - Spacing and concentration
  - Traffic control
  - Parking
  - Noise control
• A large family day care home may provide care for more than 12 children and up to and including 14 children

• Single or multiple station smoke alarms shall be installed & maintained in accordance with CFC 907.2.11.2
LARGE FAMILY DAY CARE

- Does not constitute a change of occupancy. *(CBC445.2)*
- Shall be equipped with State Fire Marshal approved & listed residential type smoke alarms. *(CBC445.2)*
- Local Ordinances for fire & life safety do not apply unless applicable to all single family dwellings.
LARGE FAMILY DAY CARE

- CFC 907.2.6.4 Shall be provided at least one manual device
  - at a location approved by the authority having jurisdiction.
  - Shall actuate a fire alarm signal which shall be audible throughout the facility at a minimum level of 15 db above ambient noise level.
• Need not be interconnected to any other fire alarm device, have a control panel or be electrically supervised or provided with emergency power.
• Shall be attached to the structure and may be of any type acceptable to the enforcing agency, provided that such devices are distinctive in tone and are audible throughout the structure.
• Must be equipped with a portable fire extinguisher minimum 2A10BC *(CBC 455.4)*

• Children cannot be located above the first story — there are 3 exceptions that allow Kinder, 1st and 2nd to be on the second floor *(CBC 426.1 & 455.6)*

• Special Hazards – gas fired water heater or furnace shall be protected to prevent children from making contact *(CBC 455.7)*
LARGE FAMILY DAY CARE

- Shall have one or more carbon monoxide detectors in the facility.

The Community Care Licensing Division shall account for the presence of these detectors during inspections.
Is a Large Family Day required to be inspected annually?

No

Residential Group R-3 Single Family Dwellings are not required to be inspected on an annual basis.
Can an attached garage at a large Family Day Care be used as a play area without a permit from Building and Safety showing a conversion?

Since the garage is not considered a habitable area of the home and is not considered as part of the square footage of the home the garage should not be utilized as part of the family day care. Typically garages are used to park vehicles, contain storage, water heaters, A.C. and Heating, washers and dryers all which could be an inherent hazard to the children if used as a play area.
Whose responsibility would it be to determine if an addition has a permit for a garage conversion?

Community Care Licensing Division

- *If the provider is showing the home and the garage as part of the day care to licensing then licensing should be the agency to ask if it is permitted. However, nothing precludes the AHJ from asking if the garage is going to be used as part of the day care facility.*
Health & Safety Code 1597.44. A small family day care home may provide care for more than six and up to eight children, without an additional adult attendant, if all of the following conditions are met:

• At least one child is enrolled in and attending kindergarten or elementary school and a second child is at least six years of age.

• No more than two infants are cared for during any time when more than six children are cared for.
• The licensee notifies each parent that the facility is caring for two additional school age children and that there may be up to seven or eight children in the home at one time.

• The licensee obtains the written consent of the property owner when the family day care home is operated on property that is leased or rented.
  
  ○ Per licensing; they typically will license a facility for eight children.
1597.45. All of the following shall apply to small family day care homes:

• Shall be considered a residential use of property for the purposes of all local ordinances.
• No local jurisdiction shall impose a business license, fee, or tax for the privilege of operating a small family day care home.
• Shall not constitute a change of occupancy
A small family day care home shall contain:

- Fire extinguisher
- Smoke detector device that meet standards established by the State Fire Marshal
- One or more functioning carbon monoxide detector that meet the requirements of Chapter 8 of Part 2 of Division 12
  - The department (Community Care Licensing) shall account for the presence of the carbon monoxide detectors during inspections.

No Annual inspection is required.
Health & Safety Code § 13143
Any laboratory or research and development facility that stores, handles, or uses regulated hazardous materials.
Responsibility to Inspect

Health & Safety Code, §13109

• To enter and inspect them at the time and for the purpose stated in this section (any reasonable hour).
  o SFM
  o Fire Chief
Are L Occupancies listed as one of the required state mandated annual inspections?

No

This is not mandated by statute and no state license or fire clearance is required
Can Local government adopt more restrictive regulations than those adopted by the SFM for L Occupancies?

YES

See Health & Safety Code, §18941.5 (b)
Local climatic, geological, or topographical conditions
Can local Government charge a fee for inspections conducted in L Occupancies?

YES

• Health & Safety Code 13146
• Local Ordinance
Residential occupancies containing sleeping units where the occupants are primarily transient in nature, including:

- Boarding houses (transient) with more than 10 occupants
- Congregate residents (transient) with more than 10 occupants
- Hotels (transient)
- Motels (transient)

**DEFINITION: Transient 30 days or less**
Health & Safety Code, §13145;
• Shall enforce building standards relating to fire and panic in their respective areas:
  • SFM
  • Local government
Is Residential Group R-1 Occupancies listed as one of the required state mandated annual inspections?

YES

Health & Safety Code § 13146.2. (a) Every city or county fire department or district providing fire protection services required by Sections 13145 and 13146 to enforce building standards adopted by the State Fire Marshal and other regulations of the State Fire Marshal shall annually.

The State Fire Marshal shall make these inspections in areas outside of corporate cities and districts.
Can Local government adopt more restrictive regulations than those adopted by the SFM for Residential Group R-1 Occupancies?

Yes

Health & Safety Code, §18941.5 (b) Local climatic, geological, or topographical conditions
Can local Government charge a fee for inspections conducted in Residential Group R-1 Occupancies?

Yes

Health & Safety Code § 13146.2 A city, county, or district that provides related fire and life safety activities may charge and collect a fee for the inspection from the owner of the structure in an amount, as determined by the city, county, or district, sufficient to pay the costs of that inspection.
Residential occupancies containing sleeping units or more than two dwelling units where the occupants are primarily permanent in nature, including:

- Apartment houses
- Boarding houses (nontransient) with more than 16 occupants
- Congregate residences (nontransient) with more than 16 occupants
- Convents
- Dormitories
- Fraternities and sororities
- Live/work units
- Monasteries
- Vacation timeshare properties
- Hotels (nontransient)
- Motels (nontransient)
This occupancy shall include buildings, structures or parts thereof housing clients, on a 24-hour basis, who because of age, mental disability or other reasons, live in a supervised residential environment that provides personal care services. This occupancy may contain more than six non-ambulatory and/or bedridden clients. This group shall include, but not be limited to, the following:
Assisted living facilities such as:

- Residential care facilities,
- Residential care facilities for the elderly (RCFES),
- Adult residential facilities,
- Congregate living health facilities,
- Group homes,
- Residential care facilities for the chronically ill,
- Congregate living health facilities for the terminally ill.
Social rehabilitation facilities such as:

- **Halfway houses,**
- **Community correctional centers,**
- **Community correction reentry centers,**
- **Community treatment programs,**
- **Work furlough programs,**
- **Alcoholism or drug abuse recovery or treatment facilities**
Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

- SFM
- Local government
Is Residential Group R-2.1 Occupancies listed as one of the required state mandated annual inspections?

YES

Health & Safety Code § 13146.2. (a) Every city or county fire department or district providing fire protection services required by Sections 13145 and 13146 to enforce building standards adopted by the State Fire Marshal and other regulations of the State Fire Marshal shall annually.

The State Fire Marshal shall make these inspections in areas outside of corporate cities and districts.
Can Local government adopt more restrictive regulations than those adopted by the SFM for Residential Group R-2.1 Occupancies?

No

- Health & Code § 13131.5: Building standards for this type of occupancy are in statute, therefore we cannot be more restrictive.
Can local Government charge a fee for inspections conducted in Residential Group R-2.1 Occupancies?

Yes

Health & Safety Code § 13146.2 A city, county, or district that provides related fire and life safety activities may charge and collect a fee for the inspection from the owner of the structure in an amount, as determined by the city, county, or district, sufficient to pay the costs of that inspection.
This occupancy group may include facilities licensed by a governmental agency for a residentially based 24-hour care facility providing accommodations for six or fewer clients of any age. Clients may be classified as ambulatory, non-ambulatory or bedridden.

- Adult residential facilities
- Congregate living health facilities
- Foster family homes
- Group homes
- Residential care facilities for the elderly
- Nurseries for the full-time care of children under the age of six, but not including “infants”.
- Small family homes and residential care facilities for the chronically ill
RESPONSIBILITY TO INSPECT

- Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:
  - SFM
  - Local government

- Use of a family dwelling for purposes of a residential care facility for the elderly serving six or fewer persons shall not constitute a change of occupancy

- Initial 850 Fire Clearance required
Is Residential Group R-3.1 Occupancies listed as one of the required state mandated annual inspections?

No

Health & Safety Code § 1566.3
• Use of a family dwelling for purposes of a residential care facility for the elderly serving six or fewer persons shall not constitute a change of occupancy
• Single Family Dwellings are not required to be inspected annually
Can Local government adopt more restrictive regulations than those adopted by the SFM for Residential Group R-3.1 Occupancies?

No

Health & Safety Code § 1566.45 (d) For facilities that care for six or fewer clients, a local fire official shall not impose fire safety requirements stricter than the fire safety regulations promulgated for the particular type of facility by the Office of the State Fire Marshal or the local fire safety requirements imposed on any other single family dwelling, whichever is more strict.
Can local Government charge a fee for inspections conducted in Residential Group R3.1 Occupancies?

No

Health & Safety Code §1566.2. Neither the State Fire Marshal nor any local public entity shall charge any fee for enforcing fire inspection regulations pursuant to state law or regulation or local ordinance, with respect to residential facilities which serve six or fewer persons.

• *Pre-Inspection fee only*
This occupancy shall include buildings, structures or portions thereof for more than six ambulatory clients, but not more than 16 persons. This occupancy classification may include a maximum of six non-ambulatory or bedridden clients (see Section 425) Group R-4 occupancies shall include the following:
Assisted living facilities such as:

- Residential care facilities,
- Residential care facilities for the elderly (RCFE),
- Adult residential facilities,
- Congregate living health facilities,
- Group homes
Social living facilities such as:

- **Halfway houses,**
- **Community correctional centers,**
- **Community correction reentry centers,**
- **Community treatment programs,**
- **Work furlough programs,**
- **Alcoholism or drug abuse recovery or treatment facilities.**
RESPONSIBILITY TO INSPECT

Health & Safety Code, §13145; Shall enforce building standards relating to fire and panic in their respective areas:

- SFM
- Local government
Is Residential Group R-4 Occupancies listed as one of the required state mandated annual inspections?

YES

Health & Safety Code § 13146.2. (a) Every city or county fire department or district providing fire protection services required by Sections 13145 and 13146 to enforce building standards adopted by the State Fire Marshal and other regulations of the State Fire Marshal shall annually inspect

The State Fire Marshal shall make these inspections in areas outside of corporate cities and districts.
Can Local government adopt more restrictive regulations than those adopted by the SFM for Residential Group R-4 Occupancies?

Yes

Health & Safety Code, §18941.5 (b) Local climatic, geological, or topographical conditions
Can local Government charge a fee for inspections conducted in Residential Group R-4 Occupancies?

Yes

Health & Safety Code § 13146.2
- A city, county, or district that provides related fire and life safety activities may charge and collect a fee for the inspection from the owner of the structure in an amount, as determined by the city, county, or district, sufficient to pay the costs of that inspection.
• **Group R-2.1 Occupancies**: Facilities housing more than six non-ambulatory or bedridden regardless of licensing agency.

• **Group R-4 Occupancies**: Facilities housing seven or more ambulatory – may have up to six non-ambulatory or bedridden; regardless of licensing agency.

• **Group R-3.1 Occupancies**: Facilities housing six or less clients of any age
  - (Ambulatory, non-ambulatory or bedridden – regardless of licensing agency)
• **Existing** means facilities licensed prior to January 1, 2008 are viewed, inspected and regulated under the 2001 CBC standards
  - See SFM Code Interpretation 08-060

• **New** means facilities licensed after January 1, 2008 are to meet current standards

• **Restraint CBC § 202** – shall mean the physical retention of a person within a room, cell or holding facility by any means, or within a building by means of locked doors
DEFINITIONS

• Temporarily Bedridden- Licensee shall notify AHJ within 48 hours. Clients are ok for 14 days; and up to 60 days with CCLD approval

  Note: Clients may just require assistance in getting out of bed, but be otherwise ambulatory or they may be totally “bedridden”

The Director of Social Services or his or her designated representative shall make the determination of the bedridden status of persons with or without developmental disabilities.
DEFINITIONS

• **Bedridden** means a person, requiring assistance in turning and repositioning in bed, or being unable to independently transfer to and from bed, except in facilities with appropriate and sufficient care staff, mechanical devices if necessary, and safety precautions as determined in **Title 22** regulations, by the Director of Social Services or his or her designated representative. Health & Safety Code §1566.456

The Director of Social Services or his or her designated representative shall make the determination of the bedridden status of persons with or without developmental disabilities.
• **Non-Ambulatory Persons** are persons unable to leave a building unassisted under emergency conditions. It includes, but is not limited to, persons who depend on mechanical aids such as crutches, walkers and wheelchairs and any person who is unable to physically or mentally respond to a sensory signal approved by the State Fire Marshal or an oral instruction relating to fire danger. Health & Safety Code §13131

*The Director of Social Services or his or her designated representative shall make the determination of the ambulatory or non-ambulatory status of persons with or without developmental disabilities.*
LICENSING AGENCIES

- Department of Social Services,
  - Community Care Licensing Division
- Department of Developmental Services
- Department of Public Health
- Department of Corrections
- Department of Alcohol and Drug Programs
Licenses Through the Department of Social Services

- Residential Care Facilities (RCF)
- RCF for the Elderly (RCFE)
- Adult Residential Facilities (ARF)
- Group Homes
- Foster Family Homes
THE PRE-INSPECTION REQUEST
Health & Safety Code §13235 (a) Upon receipt of a request from a prospective licensee of a community care facility, a residential care facility for the elderly, or of a child day care facility, the local fire enforcing agency or the State Fire Marshal, whichever has primary jurisdiction, shall conduct a pre-inspection of the facility prior to the final fire clearance approval.
At the time of the pre-inspection, the primary fire enforcing agency shall provide consultation and interpretation of fire safety regulations, and shall notify the prospective licensee of the facility in writing of the specific fire safety regulations which shall be enforced in order to obtain fire clearance approval.
A fee equal to, but not exceeding, the actual cost of the pre-inspection services may be charged for the pre-inspection of a facility.
FIRE PRE-INSPECTION/CONSULTATION REQUEST

NOTE: Complete and submit this form and payment of fee, to the Fire Authority responsible for inspecting your facility. DO NOT send to Community Care Licensing.

I hereby request the Fire Authority having jurisdiction to survey my property for compliance with the fire and life safety provisions required for licensing as a:

☐ Community Care Facility (Health & Safety Code Section 1502)
☐ Residential Care Facilities for the Chronically Ill (Health and Safety Code Section 1568.072)
☐ Residential Care Facility for Elderly (Health & Safety Code Section 1569.2)
☐ Child Day Care Facility (Health & Safety Code Section 1596.750)

with a capacity of:

☐ 25 or less clients
☐ 26 or more clients

Number of Non-ambulatory ____________

A fee equal to but not exceeding, the actual cost of the pre-inspection service may be charged. (Health and Safety Code Section 13235)

FACILITY NAME

ADDRESS

CITY ___________________________ ZIP ___________________________

OWNER/CONTACT

TELEPHONE NUMBER

SIGNED ___________________________ DATE ___________________________

For Fire Authority Use Only

Request/Fee Received / / By ___________________________

Fee To Accounting / / By ___________________________

Inspection Date / / By ___________________________

850 Received / / By ___________________________

Cleared / / By ___________________________
H & S Code § 13235. (a) Upon receipt of a request from a prospective licensee of a community care facility, as defined in § 1502, of a residential care facility for the elderly, as defined in § 1569.2, or of a child day care facility, as defined in § 1596.750, the local fire enforcing agency, as defined in § 13244, or State Fire Marshal, whichever has primary jurisdiction, shall conduct a pre-inspection of the facility prior to the final fire clearance approval. At the time of the pre-inspection, the primary fire enforcing agency shall provide consultation and interpretation of fire safety regulations, and shall notify the prospective licensee of the facility in writing of the specific fire safety regulations which shall be enforced in order to obtain fire clearance approval. A fee equal to, but not exceeding, the actual cost of the pre-inspection services may be charged for the pre-inspection of a facility with a capacity to serve 25 or fewer persons. A fee equal to, but not exceeding, the actual cost of the pre-inspection services may be charged for a pre-inspection of a facility with a capacity to serve 26 or more persons.
Fire Safety Inspection Request
• State Form 850 can be used by any State Agency. It is not a State Fire Marshal form
• Top of form is to be completed by Community Care Licensing for Residential and Child Care Facilities
• Form states number and ambulatory status of clients
FIRE SAFETY INSPECTION REQUEST

- Facility and contact information
- Fire Inspector inspection date and conditions
- Final inspection must be completed within 30 days. Health & Safety Code § 13235
STATE OF CALIFORNIA
FIRE SAFETY INSPECTION REQUEST

AGENCY CONTACT'S NAME
Jan Doe

TELEPHONE NUMBER
(916) 555-1212

REQUEST DATE
04/07/09

PROGRAM

REQUEST CODE
3

LICENSED AGENCY NAME AND ADDRESS
Department of Social Services
Community Care Licensing
2525 Natomas Park Drive, Ste 270
Sacramento, CA 95833-2931

AMBULATORY

NONAMBULATORY

BEDRIDDEN

TOTAL CAPACITY

CAPACITY
1
PREVIOUS CAPACITY
2
CAPACITY
4
PREVIOUS CAPACITY
4
CAPACITY
1
PREVIOUS CAPACITY
0

6

FACILITY NAME
My Home

LICENSE CATEGORY
RCFE

STREET ADDRESS (Actual Location)
1234 Anystreet Road

NUMBER OF BUILDINGS
1

CITY
Yourtown, CA 95826

RESTRAIN
NONE

FACILITY CONTACT PERSON'S NAME
Ira Niceperson (530) 555-1212

HOURS
24/7

SPECIAL CONDITIONS

TO BE COMPLETED BY INSPECTING AUTHORITY

FIRE AUTHORITY NAME AND ADDRESS
THEBEST FIRE DISTRICT
1233 FIREHOUSE DRIVE
YOURTOWN, CA 95628

CLEARANCE/DENIAL CODE
1A

CODES
1. FIRE CLEARANCE GRANTED
2. FIRE CLEARANCE DENIED
   A. EXITS
   B. CONSTRUCTION
   C. FIRE ALARM
   D. SPRINKLERS
   E. HOUSEKEEPING
   F. SPECIAL HAZARD
   G. OTHER

INSPECTOR'S NAME (Typed or Printed)
Marin Lugo

TELEPHONE NUMBER
(916) 987-6543

CPRS NUMBER
3-1000

OCCUPANCY CLASS
R-3.1

INPECTION DATE
04/08/09

INSPECTOR'S SIGNATURE (Typed or Printed)
Marin Lugo

CALIFORNIA DEPARTMENT OF FORESTRY
CALIFORNIA FOREST SERVICE
CALIFORNIA FIRE AGENCY
H & S Code § 1566.2 & H & S Code § 1569.84  A residential care facility for the elderly, which serves six or fewer persons shall not be subject to any business taxes, local registration fees, use permit fees, or other fees to which other family dwellings of the same type in the same zone are not likewise subject. Nothing in this section shall be construed to forbid the imposition of local property taxes, fees for water service and garbage collection, fees for inspections not prohibited by § 1569.85, local bond assessments, and other fees, charges, and assessments to which other family dwellings of the same type in the same zone are likewise subject. Neither the State Fire Marshal nor any local public entity shall charge any fee for enforcing fire inspection regulations pursuant to state law or regulation or local ordinance, with respect to residential care facilities for the elderly which service six or fewer persons.
Health & Safety Code § 13131.5. A reasonable final inspection fee, not to exceed the actual cost of inspection services necessary to complete a final inspection may be charged for occupancies classified as residential care facilities for the elderly which service more than six persons.
• **Health & Safety Code § 1566.** For the purposes of this article, “six or fewer persons” does not include the licensee or members of the licensee’s family or persons employed as facility staff.
• Health & Safety Code § 1566.3. (f) Use of a family dwelling for purposes of a residential facility serving six or fewer persons shall not constitute a change of occupancy
• Health & Safety Code § 1566.45 (d) For facilities that care for six or fewer clients, a local fire official shall not impose fire safety requirements stricter than the fire safety regulations promulgated for the particular type of facility by the Office of the State Fire Marshal or the local fire safety requirements imposed on any other single family dwelling, whichever is more strict.
• Health & Safety Code § 1566.3 (b) For the purpose of all local ordinances, a residential facility that serves six or fewer persons shall not be included within the definition of a boarding house, rooming house, institution or home for the care of minors, the aged, or the mentally infirm, foster care home, guest home, rest home, sanitarium, mental hygiene home, or other similar term which implies that the residential facility is a business run for profit or differs in any other way from a family dwelling.
Local Ordinances

- Not applicable to Residential Care Facilities
- Not applicable to Residential Care Facilities for the Elderly six or less except roof coverings
- Regulations may not be altered at the local level unless applicable to all R-3 occupancies; except for roof coverings for RCFE’s
  - H&S § 13133 and CBC 310.2 (See SFM Int. 03-018)
<table>
<thead>
<tr>
<th>Occupancy</th>
<th>Construction</th>
<th>Smoke Barrier</th>
<th>Sprinkler System</th>
<th>Smoke Alarms</th>
<th>Fire Alarm System</th>
<th>Number of Exits</th>
<th>Rated Corridors</th>
<th>Exit Enclosure</th>
<th>Delayed Egress</th>
<th>Bed-ridden</th>
<th>Exit Signs</th>
<th>Tactile Exit Signs</th>
<th>Emergency Lights</th>
<th>Fire Extinguishers</th>
<th>Change of Elevation</th>
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<tr>
<td>R-2.1</td>
<td>Rated</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Manual &amp; Auto. System</td>
<td>Two</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Supervised care 24 hour basis</td>
<td>CBC - 435.4.1 &amp; CBC Table 506.2</td>
<td>CFC 903.2.8 &amp; CFC 435.7.3</td>
<td>CFC 902.9 &amp; CFC 902.11.2</td>
<td>CFC 435.8.2.1</td>
<td>CBC 435.8.4.1 &amp; CFC 435.8.4.2 and Table 1020.1</td>
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<td>May contain more than 6 Non-Ams or Bed-Ridden</td>
<td>H &amp; S Code 13131.5</td>
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<td>R-4</td>
<td>Non-Rated</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Manual &amp; Auto. System</td>
<td>Two</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>More than 6 less than 16</td>
<td>CBC Table 506.2</td>
<td>CBC 903.3.3 and 435.3.4</td>
<td>CBC 435.5.1</td>
<td>CBC 902.9 &amp; CFC 902.11.2</td>
<td>CBC 435.8.2.1</td>
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<td>maximum 6 non-amb or bed-ridden clients</td>
<td>&amp; 44&quot; wide for ambulances.</td>
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<td>R-2.1</td>
<td>Non-Rated</td>
<td>No</td>
<td>If built after 2010</td>
<td>Yes</td>
<td>No</td>
<td>Two</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
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<td>6 or less clients</td>
<td>CBC Table 506.2</td>
<td>See special considerations of CBC 435.3.4</td>
<td>See special considerations of CBC 435.6.3.3</td>
<td>CBC 907.2.11.2</td>
<td>CBC 425.8.2.1</td>
<td>Strobes required in protective social care facilities housing any deaf person</td>
<td>See floor separation provisions in CBC 435.8.7 &amp; 435.8.7.1</td>
<td>See floor separation provisions in CBC 435.8.7 &amp; 435.8.7.1</td>
<td>Must meet all req. of CBC 1010.1.9.7</td>
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HIGH-RISE STRUCTURES
Health & Safety Code, §13210

- "High-rise structure" means every building of any type of construction or occupancy having floors used for human occupancy located more than 75 feet above the lowest floor level having building access except buildings used as hospitals, as defined in Section 1250.
Hospitals are required to comply most provisions contained in California Building Code 403 for high-rise buildings, however, hospitals are not part of the defined high-rise and are exempt from other statutory mandates.
"Existing high-rise structure" means a high-rise structure, the construction of which is commenced or completed prior to July 1, 1974.

"New high-rise structure” means a high-rise structure, the construction of which is commenced on or after July 1, 1974.
RESPONSIBILITY TO INSPECT

• Health & Safety Code, §13214
• To enter and inspect them at the time and for the purpose stated in this section (reasonable hour).
  • SFM
  • Fire Chief
Are High-rise structure listed as one of the required state mandated annual inspections?

YES

Health & Safety Code §13217 The fire department may annually inspect
• the results of the inspection shall be submitted to the State Fire Marshal within 30 days
Can Local government adopt more restrictive regulations than those adopted by the SFM for High-rise structure?

YES

Health & Safety Code, §13216 Local government may impose greater restrictions with respect to high-rise structures relating to fire or panic safety.
Can local Government charge a fee for inspections conducted in High-rise structure?

YES

Health & Safety Code, §13217 (b) Sufficient to pay its costs of that inspection.
Based on the 2015 International Building Code.
• Chapter 3 – Use and Occupancy Classification
• Chapter 4 – Detailed Requirements Based On Use & Occupancy
• Chapter 5 – General Building Height & Area
• Chapter 6 Types of Construction
• Chapter 7 – Fire & Smoke Protection Features
• Chapter 7A – Materials & Construction Methods for Exterior Wildfire Exposure
CALIFORNIA CODE OF REGULATIONS
TITLE 24 PART 2 CA BUILDING CODE

- Chapter 8 – Interior Finishes
- Chapter 9 – Fire Protection Systems
- Chapter 10 – Means of Egress
- Chapter 11A - Housing Accessibility
- Chapter 11B - Accessibility to Public Buildings
- Chapter 12 – Interior Environment
- Chapter 15 – Roofing & Roof Structures
• Chapter 21 – Masonry
• Chapter 30 – Elevators
• Chapter 31 – Special Construction (Tents)
• Chapter 34 – Existing Structures (Not all provisions of this chapter are adopted by the SFM)

• Chapter 35 – International Building Code Standards (Lays out the standards for CBC chapters along with state amendments to these standards)
The International Building Code forms the foundation for Title 24 of the California Building Standards Code. From this foundation, the SFM has made modifications, additions and deletions to improve fire and life safety in California.
Based on the 2015 International Fire Code.
GENERAL PROVISIONS OF THE CALIFORNIA FIRE CODE:

- The State only adopts those portions of the International Fire Code that relate to building standards

- Most of the Fire Code chapters now have been adopted and/or modified by SFM
California has adopted all but the following CFC Chapters:

- Chapter 25  Fruit and Crop Ripening
- Chapter 26  Fumigation and Thermal Insecticidal Fogging
Certain provisions of California Code of Regulations (CCR), Title 19, Division 1 have been reprinted in the California Fire Code for the code user’s convenience only. California Code of Regulations Title 19 is still the appropriate document/regulation for these non-building Standards.
CH squeezers 1–2 ADMINISTRATION AND DEFINITIONS

• California Fire Code Chapter 1 is divided into two Divisions:
  o Division I California administrative provisions
  o Division II Model code administrative provisions (local adoption)

• Chapter 2 - Definitions and Abbreviations

• Chapters 3 - 4 General Safety Requirements
CHAPTERS 5–10 BUILDING AND SITE REQUIREMENTS

• The SFM makes minor modifications to Chapter 5 and has not adopted certain sections
• Chapter 6 has amendments that correlate with the CBC relating to elevator shunt trip
• Chapter 8 has been amended to correlate with CCR, Title 19 relating to interior finish, interior trim, furniture, furnishings, decorative materials and decorative vegetation in buildings
• SFM makes many modifications to Chapter 9 Fire Protection Systems and Chapter 10 Means of Egress
CHAPTER 11 EXISTING BUILDINGS
• The SFM only adopts certain sections of this Chapter

CHAPTER 31 TENTS
• Amended to correlate with CCR, Title 19 for tents, canopies and other membrane structures

CHAPTER 34 TIRES
• Amended to correlate with standards found in California Integrated Waste Management Board (CIWMB) CCR, Title 14, § 17350-17356 and Public Resources Code § 42820 for tire rebuilding and tire storage
This SFM Chapter establishes minimum requirements that provide a reasonable degree of safety from fire, panic and explosion for production studios, sound stages, approved production facilities, and production locations used by the entertainment industry.
CHAPTERS 50 – 67 HAZARDOUS MATERIALS

- The SFM makes very few modifications to these Chapters.

CHAPTER 80 REFERENCED STANDARDS

- This Chapter correlates with CBC Chapter 35
APPENDICES

• Appendix Chapters A, D – G, I – M are not adopted by the SFM
• Appendix BB - addresses fire flow requirements for public school buildings only
• Appendix CC - addresses fire hydrant locations and distribution for public school buildings only
• Appendix H - Hazardous materials management plans and hazardous materials inventory statements
Statutes & Regulation

Training Program

Training Agenda

INTRODUCTION

LAWS & REGULATIONS

TITLE 24

TITLE 19
• To acquaint you with the organization of Title 19 California Code of Regulations
• Title 19 was organized in 1953

• Title 19 is mandated, in part, by § 13108 and 13143 of the Health & Safety Code

• Title 19 is one of 28 California Code of Regulations
• Other California Code of Regulations include as an example:
  ○ Title 5 Education Code
  ○ Title 8 Occupational Safety and Health
  ○ Title 13 Motor Vehicle Code
  ○ Title 14 Natural Resources Code
  ○ Title 17 Public Health Code
  ○ Title 22 Social Services Code
Title 19 Organization

- Division 1 – State Fire Marshal
- Division 2 – Office of Emergency Services
- Division 3 – Seismic Safety
Title 19 contains non-building standards and State Fire Marshal’s program specific regulations.

- 1989 SFM transferred all building requirements to CBSC
Title 19 HIERARCHY

- Division
  - Chapter
    - Subchapter
      - Article
        - Section
          » §-Sub-Section
• Title 19. Public Safety
  ○ Division 1. State Fire Marshal
    — Chapter 1. General Fire and Panic Safety Standards
      ▪ Subchapter 1. Administration
  • Article 1. Basic Operational Requirements
    ○ § 1.00. Title.
BASIC OPERATIONAL REQUIREMENTS

§ 1.03. Scope.
In accordance with Section 13108 of the Health and Safety Code, these regulations shall govern the design, construction, and use of State Fire Marshal regulated occupancies.

Exception:
Federal Government, homes and institutions and day care facilities for 6 or fewer ambulatory children.
§ 1.07. Local Ordinances.

• No local ordinance, rule or regulation shall be applicable to any of the following:

• (a) Public Schools

• (b) State-owned and state-occupied buildings and state institutions

• (c) Community care facilities

• (d) Organized Camps
§ 1.09.1. Order of Precedence

• In the event of any differences between these regulations and the standard reference documents (NFPA) or standard fire prevention practices, the text of these regulations shall govern.

• Where a specific provision varies from a general provision, the specific provision shall apply.
§ 1.11. Enforcement of Regulations

• Authorizes the inspection authority to exercise good judgments in authorizing sufficient time to complete the required changes (deficiencies).

• The inspection authority may require immediate compliance.
§ 1.14. Maintenance

• Every fire alarm system or device, sprinkler system, fire extinguisher, fire hose, fire resistive assembly or any other fire safety assembly, device, material or equipment installed and retained in service in any building or structure subject to these regulations shall be maintained in an operable condition at all times in accordance with these regulations and with their intended use.
§ 1.14. Maintenance
§ 1.14. Maintenance
§ 1.14. Maintenance
§ 2.05 Code Interpretations

Any person may request a code interpretation from the State Fire Marshal relative to the intent of any regulation or provision adopted by the State Fire Marshal.

http://osfm.fire.ca.gov/codeinterpretation/codeinterpretation
§ 2.05 Code Interpretations

When the request relates to a specific project, occupancy or building, the State Fire Marshal shall review the issue with the appropriate local enforcing agency prior to rendering such code interpretation.
§ 3.05 Fire Department Access and Egress

(a) **Roads.** Required access roads from every building to a public street shall be all-weather hard-surfaced (suitable for use by fire apparatus) right-of-way not less than 20 feet in width.
§ 3.05 Fire Department Access and Egress
§ 3.05 Fire Department Access and Egress

(b) **Roofs.** No person shall install or maintain any security barrier such as barbed wire fencing, razor wire fencing, chain link fencing, or any other fencing material, cable, aerial, antenna, or other obstruction on the roof of any commercial establishment in such a manner as to obstruct or render egress or access hazardous in the event of fire or other emergency.
§ 3.05 Fire Department Access and Egress
§ 3.06. Bonding of Chairs & Spacing of Tables

(a) Bonding of Chairs. In every Group A and Group E Occupancy, all loose seats, folding chairs, or similar seating facilities that are not fixed to the floor shall be bonded together in groups of not less than 3.

• Exceptions:
  ○ Less than 200
§ 3.06. Bonding of Chairs & Spacing of Tables
§ 3.08 Decorative Materials

In every Group A, E, I, R Occupancies all drapes, hangings, curtains, drops, and all other decorative material, including Christmas trees, that would tend to increase the fire and panic hazard shall be made from a nonflammable material, or shall be treated and maintained in a flame-retardant condition.

Exceptions:

(a) Cubical curtains and individual patient room window curtains and drapes in Group I, R-2.1, R-3.1 and R-4 Occupancies.
(b) Window curtains and drapes within dwelling units of Group R-1 and R-2 Occupancies.
(c) Christmas trees within dwelling units of Group R-1 and R-2 Occupancies.
§ 3.08 Decorative Materials
§ 3.08 Decorative Materials

Exits, exit lights, fire alarm sending stations, wet standpipe hose cabinets, and fire extinguisher locations shall not be concealed, in whole or in part, by any decorative material.
§ 3.08 Decorative Materials
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§ 3.08 Decorative Materials
§ 3.08 Decorative Materials
§ 3.09 Emergency Planning & Information

(a) All office buildings 2 or more stories in height
§ 3.10 Evacuation of Buildings

• Upon notification of fire, conduct of any fire drill, upon activation of the fire alarm, or upon orders of the fire authority having jurisdiction, buildings or structures within the scope of these regulations shall be immediately evacuated or occupants shall be relocated in accordance with established plans.
§ 3.10 Evacuation of Buildings

• The office fire drill clip
§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways

• (a) No person shall install, place or permit the installation or placement of any bed, chair, equipment, concession, turnstile, ticket office or anything whatsoever, in any manner which would block or obstruct the required width of any exit.
§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways
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§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways

• (c) No person shall install, place or permit the installation or placement of any storage material of any kind in any exit regardless of the required width of such exit.
§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways
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d) Aisles shall not be occupied by any person for whom seating is not available.
§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways
§ 3.11 Exits, Aisles, Ramps, Corridors & Passageways
§ 3.13 Fire Drills

(a) Group E Occupancies.

Every person and public officer managing, controlling, or in charge of any public, private, or parochial school, other than a two-year community college, shall cause the fire alarm signal to be sounded not less than once every calendar month at the elementary and intermediate levels, and not less than twice yearly at the secondary level.
§ 3.13 Fire Drills

https://www.youtube.com/watch?v=HyfAHZEy-ng
§ 3.13 Fire Drills

(a) (2) Emergency Pre-Fire Planning. Each school principal, district superintendent or day nursery manager shall, in cooperation with the enforcing agency, prepare procedures to be followed in case of fire or other emergency.
§ 3.14 Fire Hazard

• No person, including but not limited to the State and its political subdivisions, operating any occupancy subject to these regulations shall permit any fire hazard, as defined in this article, to exist on premises under their control, or fail to take immediate action to abate a fire hazard when requested to do so by the enforcing agency.
§ 3.14 Fire Hazard
§ 3.14 Fire Hazard
§ 3.24 Maintenance of Equipment

All fire alarm systems, fire detection systems, automatic sprinkler or extinguishing systems, communication systems, and all other equipment, material or systems required by these regulations shall be maintained in an operable condition at all times. Upon disruption or diminishment of the fire protective qualities of such equipment, material or systems, immediate action shall be instituted to effect a reestablishment of such equipment material or systems to their original normal and operational condition.
§ 3.24 Maintenance of Equipment
§ 3.24 Maintenance of Equipment
§ 3.24 Maintenance of Equipment
SECURITY BARS: WARNING INFORMATION & LABELING

§ 4.3. Warning Information

The devices are equipped with approved release mechanisms which are operable from the inside without the use of a key or special knowledge or effort Health & Safety § 13113.9

News clip for bar video
Title 19 Chapter 1.5 Article 1

- Specific State Fire Marshal Program Requirements in Title 19
  - Construction Material and Equipment Listings may list their product
  - Sprinkler Systems
  - Laboratory Accreditation
- Items requiring State Fire Marshal Labeling & Listing
  - Fire Alarm Systems and Components
  - Carbon Monoxide Detectors
  - Wood Roof Shingles
• 13114 (1) (b) No person shall market, distribute, offer for sale, or sell any **fire alarm system or fire alarm device** in this state unless the system or device has been approved and listed by the State Fire Marshal.

• 13263 (a) (1) The State Fire Marshal shall develop a certification and decertification process to approve and list **carbon monoxide devices** and to disapprove and delist previously approved devices, if necessary.
Commencing January 1, 2014, in order to be approved and listed by the State Fire Marshal, a smoke alarm shall display the date of manufacture on the device, provide a place on the device where the date of installation can be written, incorporate a hush feature, incorporate an end-of-life feature that provides notice that the device needs to be replaced, and, if battery operated, contain a **non-replaceable, non-removable battery** that is capable of powering the smoke alarm for a minimum of 10 years.
Chapter 2 – Tents, Awnings & other Fabric Enclosures

• Specific Tent Requirements
• Flame Resistance
• SFM Approved Labeling
• Existing Tents
303 Scope

(a) Applies to the sale, offering for sale, manufacture for sale, rental and use of tents within this state.

(b) For building standards relating to tents and membrane structures, see California Fire Code, Chapter 24.
310 Definitions

(a) Tent. A shelter, structure or enclosure made of fabric or similar pliable material.

(b) Large Tent. A tent designed for use by 10 or more people.

(c) Small Tent. A tent designed for use by less than 10 people.
312 Parking of Vehicles
315 Flame Resistance Standards
316 Smoking Prohibited
317 Fireworks and Open Flames
319 Fire Extinguishers and Other Fire Protection Equipment
320 Fire Safety Personnel
321 Abatement of Fire or Panic Hazards
324 Flammable & Combustible Liquids
325 Liquefied Petroleum Gas
326 Hazard Abatement
332 Flame Resistance
335 Labeling of Tent
340 Existing Small Tents
341 Existing Membrane Structures and Other (Large) Existing Tents
Flame Resistant Requirements for Canopies/Tents

California Code of Regulations, Title 19 does not specifically define small or large canopies. However, Health and Safety Code 13115(a) specifies that tents, awnings or other fabric enclosures used for assemblage of 10 or more persons must be made from a nonflammable material or treated and maintained in a flame retardant condition. Fabric enclosures would include canopies with a fabric covering. Health and Safety Code Section 13115 (b) is specific only to “tents” occupied by less than 10 persons.

4. Would we be correct in saying that the determination of whether a tent (canopy) is considered “large” or “small” is dependant upon the number of people who have assembled under the tent (canopy) at that time?

Yes (Health and Safety Code Section 13115)

5. Would it be correct to say that as long as the occupancy under the tent (canopy) is maintained at less than 10 persons, the tent (canopy) will be considered a “small” tent (canopy).

Yes.

Note: California Code of Regulations, Title 19 Articles 2 and 3 defines tents based upon occupant load, not use. Since California Code of Regulations, Title 19 is silent regarding use, the California Building Code 2010 edition, Section 1004 Table 1004.1.1 should be utilized to calculate the occupant load, based upon use. This table gives a maximum square footage for each person for a particular occupancy. It is NOT within the purview of the State Fire Marshal to mandate the occupant load of a particular tent, but rather, it is a requirement of the manufacturer to set the occupant load and label it accordingly. State Fire Marshal regulations mandate the labeling requirements based upon the manufactures stated occupant load.

If the manufacturer chooses to only use the CPAI-84 label then the tent is limited to less than 10 people as the CPAI-84 label, by definition, specifies the occupancy load for a tent. It is up to the authority having jurisdiction (AHJ) or Fire Code Official as far as the enforcement of the occupant loading based upon the label.
Article 4 Classifications & Ratings

Subsection 562

Article 5 Selection & Distribution

Table 2 & 3

Article 6 Inspection, Maintenance & Recharging

Table 4
Fire Extinguishers

Article 7 Hydrostatic Testing

Table 5

Article 8 Licensing & Certificates of Registration

Article 9 Tagging, Marking, Labeling & Seal of Registration
CHAPTER 3 – FIRE EXTINGUISHERS
ARTICLE 8 LICENSING & CERTIFICATION

- Type A. A class of license to service any or all types of fire extinguishers.
- Type B. perform maintenance and recharging of water based fire extinguishers, external maintenance of carbon dioxide.
- Type C. conduct hydrostatic tests of low pressure fire extinguisher non-DOT cylinders.
- Type D. perform maintenance and recharging of dry chemical, dry powder and external maintenance of halogenated agent fire extinguishers.
- Type E. conduct hydrostatic tests of high pressure DOT fire extinguisher cylinders, and perform internal maintenance and recharging of carbon dioxide fire extinguishers.
- Type F. perform internal maintenance, recharge and recover halogenated agents from portable fire extinguishers.
• Type L. (Limited). A class of license, limited to public or private entities that are not engaged in the business of servicing fire extinguishers and which only maintain their own portable fire extinguishers. A Type L licensee may only perform maintenance of stored pressure dry powder and dry chemical fire extinguishers, water type and wet chemical type fire extinguishers and external annual maintenance of halogenated agent and carbon dioxide fire extinguishers.
Chapter 4 – Fire Alarm Systems & Devices

- Listing No person shall market, distribute, offer for sale, or sell any fire alarm system, or fire alarm device unless such system or device has been previously approved and listed by the State Fire Marshal.
CHAPTER 4 – FIRE ALARM SYSTEMS & DEVICES

• Installation
• Detailed Requirements
• Special Information

Refer to Title 24 part 9 (CFC), Part 3 (CEC) & NFPA 72
• Article 1 Administration adopts and amends into NFPA 25

• Article 4 Inspection Testing & Maintenance Frequency
  ▪ Refer to Table 5.1 – Table 12.1

• Article 3 General Provisions
  Reports of violation
  Deceptive Practices
  Employer Responsibility
Health & Safety Code §13196.5, no person shall engage in the business of servicing automatic fire extinguishing systems without a valid “A” license issued by the Office of the State Fire Marshal or a C-16 Fire Protection license as issued by the State of California Contractors State Licensing Board.

**EXCEPTION:** Annual testing or maintenance of wet pipe sprinkler systems, standpipe systems or private fire service mains may be performed by a California State Fire Marshal Licensed A (Type L) Concern, in structures or property owned or leased by that public or private entity. In addition, individuals who possess a California State Fire Marshal Weekly Fire Pump Test Certificate in accordance with this section and are employed by a Licensed A (Type L) Concern may perform weekly fire pump tests.
Licenses shall be for the service of any one or combination of the following:

- **Type 1**—Water Based Fire Protection Systems
- **Type 2**—Engineered and Pre-engineered Fixed Extinguishing System
- **Type L**—Limited to public or private entities that are not engaged in the business of performing testing and maintenance of wet pipe fire-extinguishing systems and which only perform annual testing and maintenance of wet pipe sprinkler systems, standpipe systems, private fire service mains, and weekly fire pump tests in structures or property owned or leased by that public or private entity.
• Subsection 906 General Labeling Requirements – Water Based.

• The label shall be placed:

  (1) On the fire department connection or on the riser for Class I, III, and combined standpipes and on the hose outlet closest to the front door for Class II standpipes,

  (2) On or adjacent to the fire department connection or on the riser for fire sprinkler systems and,
• 906.2. Engineered and Pre-Engineered Fixed System Service Tags.

  (a) The tags shall be of the hanging type with the option of a self-adhesive type. Tags shall be placed on the agent supply tank enclosure or manual pull device for pre-engineered and engineered fixed systems.

• 906.3. Approved State Fire Marshal Forms
There are three new Certifications/Registration Cards in Automatic Extinguishing System Program

- **Certified Sprinkler Fitter**
  This certification allows the individual to install water based fire suppression systems and to supervise apprentices and trainees.

- **Apprentice Sprinkler Fitter**
  This allows an individual to install water based fire suppression systems under the direct supervision of a Certified Sprinkler Fitter, while enrolled in a Fire Sprinkler Apprenticeship Program.

- **Sprinkler Fitter Trainee**
  This allows an individual, not enrolled in an apprenticeship program, to install water based fire suppression systems under the direct supervision of a Certified Sprinkler Fitter. This is a one year registration.
SPRINKLER FITTER’S CERTIFICATION

TIMELINE

July 1, 2017
Regulations are effective.
No certification card required until July 1, 2018.

December 31, 2017
Deadline to become certified without taking an exam.

July 1, 2018
At least one certified sprinkler fitter on each job site.

January 1, 2019
All fitters on job sites certified.
All trainees and apprentices on job sites registered.
Chapter 6 Fireworks

- Licenses, Permits & investigations
- Classification & Labeling
- Transportation & Storage
- Safety & Public Display
- Special Effects & Rockets
Article 3. Licenses

No person shall engage in any type of fireworks activities without having submitted an application for and having obtained a license from the State Fire Marshal.

**Exception:** unlicensed assistants
984 (a) Every applicant for a Pyrotechnic Operator license shall

- take & pass a written examination
- Submit evidence attesting to the experience required. Experience shall be actual discharge of fireworks & pyrotechnic devices for the types indicated
984 (1) Unrestricted shall require a minimum amount as indicated for type of licenses
Pyrotechnic Operator – Basic Commercial 2 years
Pyrotechnic Operator – Rockets First Class 2 years
Pyrotechnic Operator – Special Effects First Class 2 years
ARTICLE 8. STORAGE

• Subsection 989 General: All magazines shall meet the requirements as set forth in the Code of Federal Regulations, Title 27, Part 55, Subpart K (Storage).

• Subsection 989.1(b) Class C Common Fireworks and those devices designated as “safe and sane” fireworks shall be stored in a manner consistent with the Code of Federal Regulations, Title 49, Section 173.88.
• Only fireworks and pyrotechnic devices classified by and bearing the Seal of Registration of the State Fire Marshal shall be transported within this state.

• All fireworks and pyrotechnic devices being transported in this state, shall be packaged and transported in accordance with the CFR, Title 49, Part 173, Subpart C, or with Health and Safety Code Sections 12650-12654.
ARTICLE 13. GENERAL SAFETY REQUIREMENTS

• 991 Safety Inspections
  Retail fireworks stands and sales areas are subject to inspection by the authority having jurisdiction
• 991.1 Disposition Unsold Stock
• 991.2 Personnel
• 991.3 Smoking, storage & Handling Facilities
• 991.4 Smoking Sales Facilities
• 991.5 Prohibited Substances
• Permit all pyrotechnic activity on state property
• Assess and review qualifications for pyrotechnic operators license
• Education and training to the industry and fire service on motion picture and theatrical activity
• Participate in special investigations involving pyrotechnic in the motion picture industry
• Liaison between the fire service and the motion picture industry
• **Article 16:** Experimental Rockets/Unlimited

• **Article 17:** Model Rockets

• **Article 18:** Experimental High Power Rockets and Motors
“Public display of fireworks” means an entertainment feature where the public or a private group is admitted or permitted to view the display or discharge of dangerous fireworks.
Fireworks that contain arsenic sulfide or arsenates, most chlorates, magnesium, most phosphorous, zirconium, or many other chemicals

Firecrackers, skyrockets, rockets, and sparklers larger than ten inches in length or one-quarter inch in diameter

Any other fireworks that the State Fire Marshal has declared "unsafe for use by any person not specifically qualified or trained in the use of fireworks"
“Safe and Sane fireworks" means any fireworks which do not come within the definition of "dangerous fireworks" or "exempt fireworks"
“Party Poppers” also known by other names are a pyrotechnic device which contains less than 0.25 grain of pyrotechnic composition per unit load.

Designed to be held in the hand and when fired propels soft paper, cloth inserts or other similar fill material into the air.
SNAP CAPS

• Snap Caps, also known by other names are pyrotechnic devices that contain between .20 grams and .25 grams, of gravel impregnated with not more than one milligram of pyrotechnic composition. They are small, roughly spherical paper parcel, 1/4 inch in diameter with a twisted paper tail.

• When dropped against a hard surface, produces a small, toy cap-like report.
"Agricultural and wildlife fireworks" means fireworks designed and intended by the manufacturer to be used to prevent damage to crops or unwanted occupancy of areas by animals or birds through the employment of sound or light, or both.
THEATRICAL

Close-Proximity Pyrotechnics .wmv
CHAPTER 6.5. FLAMETHROWING DEVICES

• Article 2. Definitions
  – Flame throwing device means any non-stationary and transportable device designed or intended to emit or propel a burning stream of combustible or flammable liquid a distance of at least 10 feet.
  – Health & Safety Code §12750(a)
• Article 4. Inspections

1060. General (b) All flame throwing devices, storage areas and transportation vehicles shall be subject to inspection by any peace officer or other persons designated by the State Fire Marshal.
• Article 7. Storage and Transportation Requirements for Flame throwing Devices

1064. Storage (a)(2) In appropriate magazines or facilities which are permitted by the authority having jurisdiction for the storage of fireworks or explosives, provided that no fire nuisance or incompatibility is created by such storage.
Chapter 7 Flammable Fabrics Standards

• Article 1 Fabric Flammability
  Chemical Treatment
• Article 2 Hospital Fabrics
• Article 3 Acceptance Criteria
Chapter 8 Flame Retardant Chemicals

• Article 3 Registration & Labeling of Chemicals
  – Any company may register their Chemical with SFM
  – Container shall bear the SFM Seal of Registration Chemicals

• Article 4 Registration of Fabric or Material
• Article 5 Applications
• Article 9 Seal of Registration
• Article 10 Testing Laboratories
• Article 11 Violations & Penalties
Chapter 10 Explosives

- Article 2 Sale, Use, Handling, Possession, & Storage of Explosives
- Article 5 Storage within Magazines
- Article 6 General Explosives
- Article 10 Blasting Agents
- Article 14 & 15 Construction of Magazines
• Chapter 11.5 – Gasoline Vapor Control
  o Article 3 Application for Certification
  o Article 4 Vapor Recovery Systems
  o Article 7 Installation & Certification
Chapter 14 – Hazardous Liquid Pipeline Safety
WHAT WE REGULATE

• Most hazardous liquid pipelines in public areas
• Offshore pipelines
• Commodities
  o Crude
  o Gasoline, diesel & jet fuel
  o Ethanol
  o CO2
  o Anhydrous ammonia
  o Butane & Propane
Course Evaluation
Questions?

Thank you!