



# NFPA 1

## CT Fire Prevention Code

For Design Professionals

**May 2014**

State of Connecticut  
Department of Administrative Services  
Division of Construction Services  
Office of Education and Data Management

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## Objectives



- Develop an understanding of NFPA1 as used in CT
- Develop an understanding of the CSFPC structure
- Understand the relationship of the CSFPC in conjunction with the State Building and Fire Code
- Understand proper application of the CSFPC to 'new' and 'existing' buildings
- Understand the Code enforcement options available to fire service personnel
- Appreciate that this was the better selection among the courses offered in this particular time slot

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## Let us look at the Statutes

Legislative Law



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## Statutes

- CGS 29-291a
  - SFM empowered to adopt a Fire Prevention Code
  - State FPC Code based on a model code
    - NFPA1 selected as Model
  - SFM will administer the Code
  - SFM will interpret the Code
    - Applicability
    - Contents



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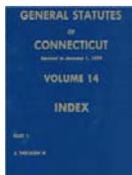
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## Statutes

- CGS 29-291b
  - Modifications
    - SFM holds sole authority to modify
  - Local 'flavor'
    - As specifically permitted by Code
      - Key access systems
      - Fire lanes
      - Permit program



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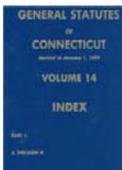
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## Statutes

- CGS 29-291c
  - Abatement of certain conditions, injunctions, citation and penalties
    - Abatement – same as the CSFSC
  - Citation – alternative to abatement
    - Limited to specific Code violations
      - Covered in greater detail a bit later



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## Statutes

- CGS 29-291d
  - SFM to review LFM decisions
    - SFM to review LFM decisions pertaining to the CSFSC upon request of any person determined to have a right to appeal
    - OR when the SFM has reason to believe the LFM has misconstrued/misinterpreted the Code



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## Regulations

- 29-291a-2 Relationship to State Fire Safety & Building Codes
  - NFPA1 based CSFPC is subordinate to Fire & Building Codes
    - Conflicts
      - Superior Codes prevail
    - Duplications
      - Superior Code prevail
  - The Prevention code is subordinate to the Fire code and intended to 'fill the gaps'
    - This code is intended for handling maintenance and operational issues!



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## Regulations

- 29-291a-4 Authority Having Jurisdiction
  - Per 29-291a of the CT General Statutes the AHJ shall mean the SFM regarding the proper
    - Administration
    - Application
    - Interpretation
  - The LFM shall make the initial determination for Code compliance
    - Upon request the initial determination may be reviewed by the SFM
    - CSFPC also grants some specific situational judgment to LFM

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### Regulations

- 29-291a-5 Variations or Exemptions
  - Per 29-291b of the CGS the **STATE** FM may modify the requirements of this code where the SFM deems that strict compliance would entail
    - Practical difficulty
    - Unnecessary hardship
    - Otherwise adjudged unwarranted
  - The Local Fire Marshal is empowered to determine compliance; NOT to modify code.

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### Regulations

- 29-291a-7 Inspections, Plan Submittals
  - Each LFM, SFM and designees shall conduct inspections per CGS 29-305
    - Within their jurisdiction
  - Federal & State property exempt from LFM inspection
    - Some exceptions
  - State leased property
    - LFM abates building owner
    - SFM abates tenant

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### Regulations

- 29-291a-7 Inspections, Plan Submittals
  - Minimum requirements for frequency of inspections per CGS.
    - Annual inspections
      - A-1, A-2,E,H-1, I-1
    - 2 year inspections
      - A-3, H2, I-2
    - 3 year inspections
      - B, H-3, M, S-1, A-4, A-5
    - 4 year inspections
      - F-1, F-2, H



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### State Building Code

- Building Code addresses:
  - Structural integrity
  - Construction materials
  - Ventilation
  - Lighting
  - Fire resistance
  - Height & area
  - MOE
  - Accessibility



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### State Fire Safety Code

- Fire safety Code addresses:
  - Alarm systems
  - Sprinkler systems
  - Standpipes
  - Extinguishers
  - Smoke control systems
  - MOE
  - Separation



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### State Fire Prevention Code

- State Fire Prevention Code addresses:
  - Maintenance of active fire protection
  - Maintenance of passive fire protection
  - Control of contents
  - Occupant behavioral issues
- Applicable to 'new' & 'existing' buildings
  - Effective date: July 1, 2010
  - Implementation date: October 2, 2012



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## Model Code Arrangement

- The Model Code
  - Part I
    - Administrative
  - Part II
    - General
  - Part III
    - Occupancy
  - Part IV
    - Processes
  - Part V
    - Equipment
  - Part VI
    - Hazardous Materials
  - Annexes
  - Index



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## CSFPC Overview

- Part I – Administrative Chapters 1-9
  - Part II – General Chapters 10-19
  - Part III – Occupancy Chapters 20-39
  - Part IV – Process Chapters 40-49
  - Part V – Equipment Chapters 50-59
  - Part VI – Hazardous Materials Chapters 60-73
- Note: Several chapters are 'reserved'
- Connecticut heavily amended NFPA1



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**Common CSFPC Items**

- Emergency Plan and Employee Training
- Evacuation & Relocation Plan, Fire Drills
- Extinguisher Training
- Portable Heating Devices
- Maintenance of Exits
- Overcrowding
- Open Flame & Pyrotechnics
- Furnishing, Bedding & Decorations
- Lease Plan (Covered Mall Buildings)
- Storage and Display of Consumer Fireworks
- Smoking

**In short: Behavior & contents**

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**CT Fire Prevention Code**

Administrative – Part 1

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**Chapter 1 Administration**

- Purpose [paraphrased]
  - The purpose of this Code, as intended by Connecticut, is to set a minimal level of fire and life safety from hazards created by fire, explosion and dangerous conditions

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## Chapter 1 Administration

- Life safety considerations include
  - Occupants
  - FD Personnel
  - Fire Brigade Members
  - Employees
  - Responsible Parties
  - General Public



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## Chapter 1 Administration

- Application
  - This Code shall apply to both new and existing structures
    - Typical application to existing building, periodic inspection
  - Reminder
    - Subordinate to:
      - State Building Code
      - State fire Safety Code



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## Chapter 1 Administration

- Vehicle & Vessels
  - When vehicle & vessels in fixed locations and occupied as buildings per the CSFSC shall be treated as buildings and comply with this Code



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### Chapter 1 Administration

- Repairs, renovations, alterations, reconstruction, change of occupancy and additions to buildings shall conform to the CSFSC and the CSBC



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### Chapter 1 Administration

- Equivalencies
  - Nothing in this Code is intended to prevent the use of systems, methods or devices of equivalent or superior quality provided:
    - Technical data is submitted to the SFM to demonstrate equivalencies or approved for the intended purpose
    - SFM accepts and approves the equivalencies



Prescriptive Mousetrap



Better Mousetrap

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### Chapter 1 Administration

- 1.12.3 Misrepresentation
  - Any attempt to misrepresent or deliberately or knowingly
    - Design/Install
    - Service/Maintain
    - Sell/Operate
    - Falsify records/reports
  - In violation of the requirements of this code shall be a violation of this code



Lowest Bidder ?

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## Chapter 1 Administration

- 1.12 Permits
  - LFM granted authority to require permits based on specific operations & materials
    - 53 items listed in table 1.12.19(a)
      - Apartment Building operation
      - Business occupancy operation
      - Educational facility operation
      - Repair Garage Operation
      - Hot work operations
      - Assembly occupancy operation
      - Tar kettle placement
      - Many others
  - Work with your municipal attorney to ensure that a legal apparatus is in place!




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## Chapter 2 Referenced Publications

- OSFM intends that this Code be used as a maintenance and operational issues Code.
  - Primarily we'll look at standards such as:
    - NFPA 96
      - Cleaning and maintenance items
    - NFPA 25
      - Entire Standard
    - NFPA 72
      - Maintenance items
  - This language permits the direct use of appropriate reference materials
    - **TO THE EXTENT OF THE CODE REFERENCE !**

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## Chapter 3 Definitions

- General
  - The definitions in this chapter shall apply to the terms used in the CSFPC.
  - Where terms are not included common usage will apply
    - Where terms are not identified in this chapter, referenced code or standard
    - 2.3.15 They are defined using ordinary accepted meanings
      - Webster's Third New International Dictionary Unabridged




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## Chapter 3 Definitions

- Unique 'improved' several definitions
  - Building – 3.3.22 references the SBC for fire walls to create separate buildings approved by the building official
  - Dwelling unit – 3.3.66 defines a dwelling unit of not more than 6 lodgers/boarders where care is not provided
  - In-home Group B – 3.3.138.4.1 this is a CT definition
  - Bed & Breakfast – 3.3.138.23.1 this is a CT definition



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## Administrative – Part 1

- Chapters 4 and 5 deleted
  - General Requirements & Performance Based Options are addressed by the CSFSC and the SBC
- Chapters 6 – 9 'reserved'



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## CT Fire Prevention Code

General – Part 2

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## Chapter 10

- Owner/Occupant

- The owner/occupant or operator shall abate through corrective action approved by the AHJ the condition causing the building to be unsafe through either:

- Repair
- Rehabilitation
- Demolition
- Other action



Abatement Tactic?

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## Chapter 10

- Occupancy

- No new or existing building shall be occupied or in part in violation of the CSFPC

- Existing buildings that are occupied at the time this code was adopted shall remain in use provided:
  - The occupancy classification remains the same
  - No condition exist that would constitute an imminent danger

- OFSM Directive #10

- Issued September 22, 2009
- Procedure for immediate hazards to occupants
- FM & PD have power to order building vacated

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## Chapter 10

- Maintenance & Testing

- Whenever any device, equipment, system, condition, arrangement or any other feature is required for compliance of the CSFPC or SBC such features shall be continuously maintained per NFPA requirements or as directed by the AHJ

- Recall that dozens of NFPA Standards are directly referenced



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## Chapter 10

- Maintenance & Testing cont.
  - Existing fire safety features obvious to the public if not required by the CSFPC or SBC will be either maintained or removed
    - Before any safety feature is removed care needs to be exercised to ensure feature is not required or was provided as an alternate for code compliance

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## Chapter 10

- 10.12.1 key box authorization
  - Local FM may require key box installation
  - Local ordinance would be a good idea



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## Chapter 10

- Reporting of fires and other emergencies
  - A person discovering any unwanted fire regardless of magnitude shall immediately notify the fire department
    - It is a violation for any person to willfully make any false, misleading, or unfounded reports, to mislead the FD
    - Or interfere with FD operations



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### Chapter 10

- 10.13 Fire protection markings
  - Buildings must be marked with address number
  - Shaft ways must be marked




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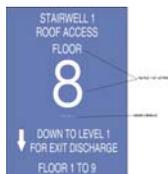
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### Chapter 10

- Fire protection markings cont.
  - Stairway markings – stairs serving five or more stories shall be provided with special signage within the enclosure at each floor landing
  - The signage shall comply with the CSFSC and ICC/ANSI A117.1




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### Fire Drills

- 10.6 Emergency Access & Relocation Drills
  - Conducted as specified by Chapter 20
  - CGS Title 10 also deals with this issue
    - Title 10 = State Department of Education
    - FD needs to work with local schools on this issue




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### Tampering with Fire Safety Equipment

10.8 No person shall render any portable or fixed fire-extinguishing system or device or any fire warning system inoperative or inaccessible.

PD can also get involved

CGS 53a-117a

Criminal mischief



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### Emergency Plans

#### 10.9 General Fire Safety

Emergency plans shall be provided as required by Chapter 20 (Occupancy Fire Safety)



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### Chapter 10

- Vacant buildings
  - Temporarily unoccupied buildings, structures or portions there of including tenant spaces shall be safeguarded and maintained per this section
    - Exterior and interior openings accessible to other tenants or unauthorized people shall be boarded, locked, blocked, or otherwise protected
  - Fire alarms, sprinklers and standpipe systems shall be operable at all times
    - With exceptions based on local code official's judgment
  - Big question – is it really 'vacant' or simply a very static storage situation?

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## Chapter 10

- Vacant buildings cont.
  - Persons in charge of a vacant building or portion of shall remove all combustible materials and flammable/combustible rubbish from space and secure openings to prevent entry by unauthorized persons
    - Exception – repairs, alteration, or addition under permit
    - Exception – seasonally occupied buildings



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## Chapter 10

- 10.16 Special Outdoor Events, Carnivals & Fairs
  - Standby personnel
  - PFE
  - Alarm & communications
  - Other issues



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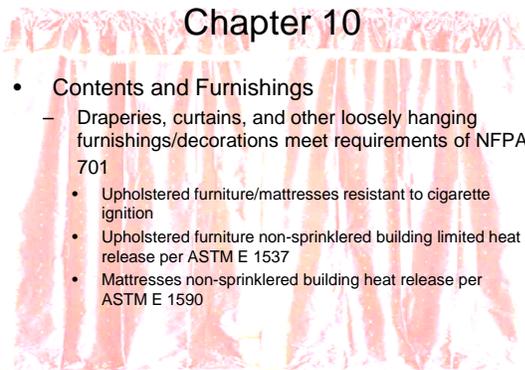
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## Chapter 10

- Contents and Furnishings
  - Draperies, curtains, and other loosely hanging furnishings/decorations meet requirements of NFPA 701
    - Upholstered furniture/mattresses resistant to cigarette ignition
    - Upholstered furniture non-sprinklered building limited heat release per ASTM E 1537
    - Mattresses non-sprinklered building heat release per ASTM E 1590



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# Chapter 11

## Building Services

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# Chapter 11 Building Services

- Chapter 11 requirements apply to both new and existing buildings and structures in the key areas some examples:
  - Electrical Fire Safety
  - Heating, Ventilation & Air Conditioning (HVAC)
  - Elevators, Escalators and Conveyors
  - Utilities
  - Heating Appliances
  - Rubbish Chutes, Incinerators & Laundry Chutes
  - Stationary Generators and Standby Power Systems
  - Smoke Control
  - Emergency Command Center

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# Chapter 11

- Electrical Fire Safety
  - This section applies to new, existing, permanent or temporary electrical
    - Appliances
    - Equipment
    - Fixtures
    - Wiring
  - All electrical appliances, fixtures, equipment or wiring shall be installed and maintained per NFPA 70 National Electrical Code
    - OFSM intends this as a maintenance / operational code



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### Compliance with NFPA 70?

- Do we really need to fully understand the NEC to identify this part of the installation in not in compliance?




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### Chapter 11

- Electrical Fire Safety cont.
  - Extension cords shall not be used as a substitute for permanent wiring
  - Multiple adapters, cube adapters, strip plugs and other devices shall be listed and used per their listing



Family Griswold Home

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### Chapter 11

- Heating Appliances
  - Kerosene Burners and Oil Stoves – shall be equipped with a primary safety control as an integral part of the appliance to stop the flow of oil in the event of a flame failure
  - All unvented fuel-burning rooms heaters to be listed by a nationally recognized testing laboratory
    - CT CGS 21a-335
  - Language of this section mirrors the space heater statute
  - Residential use:
    - Single family, detached homes only
  - Also see CGS 29-318




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### Chapter 11

- Heating Appliances
  - 11.5.3.1 The AHJ shall be permitted to prohibit use of portable electric heaters in occupancies/situations the use would present an undue danger to life or property
    - Is a heater used properly an undue danger?



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### Chapter 11

- Stationary Generators & Standby Power Systems
  - We are essentially looking at the maintenance / testing issues found in 11.7.4
  - SBC & SFC will determine where these units are required and handle installation



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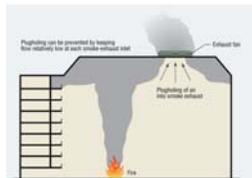
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### Chapter 11

- Smoke Control
  - The provisions of this section do not require smoke control systems but mandates that if such a system is installed for Code compliance an approved maintenance and testing program must be provided



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## Chapter 11

- Emergency Command Center
  - We're looking at the maintenance angle in ensuring that items found in 11.94 & 11.95 are maintained.



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## Chapter 12

### Features of Fire Protection

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### Chapter 12 Features of Fire Protection

- Maintenance of passive fire protection features
  - Construction types
  - Fire-resistant assemblies
  - Fire doors/windows
  - Interior finish
  - Furnishings, contents, decorations and treated finishes
  - Fire barriers
  - Smoke partitions
  - Smoke barriers



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## Chapter 12

- Recall again that this Code is subordinate
  - Much of 12 is a 'parrot' of Part III, Part IV, SBC
  - Reference is made to CSFSC & referenced standards
- Application to 'as built'
  - Excellent source for handling post-CO, poke-through issues
    - Membrane penetration
    - HVAC opening modifications
    - Opening protective modifications



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## Chapter 13

### Fire Protection Systems

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### Chapter 13 Fire Protection Systems

- Active fire protection focus
  - Standpipes
  - Sprinklers
  - Other systems
  - Extinguishers
  - Detection & notification systems
- Owner responsibilities
  - System maintenance
  - Record keeping
  - System reliability
  - System testing



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### Chapter 13

- Fire Watch
  - 13.1.9 When a fire protection system is out of service for more than 4 hours in a 24-hour period the AHJ can require the building to be evacuated or an approved fire watch to be provided for all portions of the building left unprotected
    - Again recall Directive #10
  - 13.1.8 Local FM notified of change in fire protection system status
    - Out of service
    - Back-in service
  - 13.1.10 Excessive number of activations
    - Fire watch may be ordered




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### Chapter 13

- Sprinkler system
  - Building Owner responsibilities
    - 13.3.3.3.3 AHJ notification of AS system is out of service
    - Proper testing
    - Protection from freezing
    - Record keeping
    - Spare heads




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### Portable Extinguishers

- Installation
- Maintenance
- Selection
- Distribution
- Monthly Inspection

Shall be in accordance with NFPA 10, *Standard for Portable Fire Extinguishers*, and Section 13.6. of CFSC.




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## Chapter 13

- Detection, Alarm & Communication
  - Where building fire alarm systems or automatic fire detectors are required by other sections of the SFC or SBC, they shall be maintained per NFPA 72 National Fire Alarm Code
    - The above language is a paraphrase.
    - This language represents the intent that we use the Fire Prevention Code as maintenance / operational code



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## Fire Alarm Maintenance and Testing

13.7 Huge section dealing with alarm & communication system maintenance

-Table 13.7.3.2.7

-Comprehensive system component service requirements



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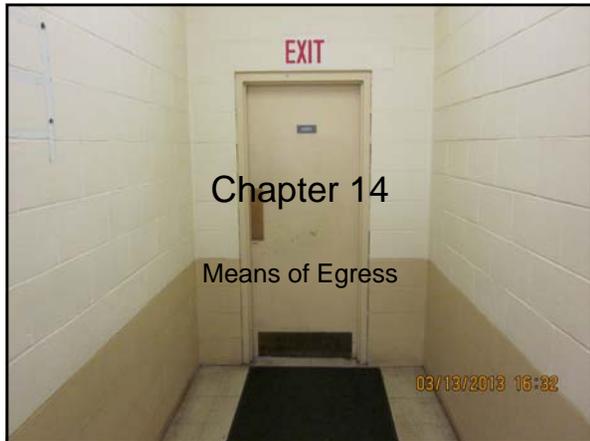
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## Chapter 14

Means of Egress

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## Chapter 14

- Means of Egress
  - Reliability
  - Impediments
  - Devices
  - Camouflage
  - Illumination
  - Markings



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## Periodic Testing of Emergency Lighting Equipment

- 14.13 Emergency Lighting Requirements
- Testing options
- NFPA 110 Reference



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## Means of Egress Identification -

- Familiar language swiped from NFPA101
  - Location
  - Size
- SBC / SFC determine placement

- We're looking at:
  - Illumination maintenance
  - Testing requirements
  - Force to open
  - Damaged hardware
  - Labeling



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### Chapter 14

- The M-O-E Chapter
  - Large amount of material
  - Similar to familiar CSFSC language
  - Use this area for maintenance issues



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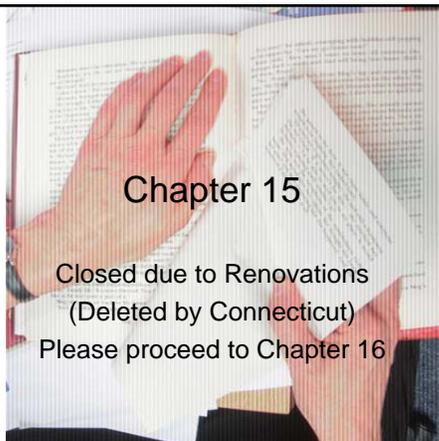
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### Chapter 15

Closed due to Renovations  
(Deleted by Connecticut)  
Please proceed to Chapter 16



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### Chapter 16

Safeguards During Construction,  
Alteration and Demolition  
Operations



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## Chapter 17

- Chapter 17 deleted by CT

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## Chapter 18

### Fire Department Access

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## Chapter 18

- General Requirements

- FD access
  - Access requirements
  - Road dimensional criteria
  - Bridge requirements
  - Access impediments
- 18.2.2.1.2 AHJ may require additional fire protections features where access road cannot be installed
  - AS
  - Equipment cache
- Connecticut deleted portions of this chapter dealing with firefighting water supply.



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Chapter 19  
Combustible Waste and Refuse

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Chapter 19

- Everything you wanted to know about trash storage
  - Containers
  - Removal schedule
  - Storage maximums
  - Dumpster limitations



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CT Fire Prevention Code

Occupancy Part 3  
Chapters 20-31  
{32-39 'reserved'}

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## Chapter 20 – Occupancy Fire Safety

- Operational requirements specific to occupancy
  - Assembly
  - Educational
  - Day-care
  - Health
  - Residential Board & Care
  - Ambulatory Health Care
  - Detention and Correctional
  - Hotels & Dorms
  - Apartments
  - Lodging / Rooming
  - 1 & 2 Family / Manufactured Housing
  - Mercantile
  - Business
  - Industrial
  - Storage
  - Special Structures / High Rise
  - Historical Buildings

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## Chapter 21-31 Fire Safety for Specific Operations

- Chapter 21 – Airports & Heliports
- Chapter 22 - Automobile Wrecking Yards
- Chapter 23 - Clean rooms
- Chapter 24 – Dry-cleaning
- Chapter 25 – Grandstands, bleachers, tents, membrane structures
- Chapter 26 – Laboratories using chemicals
- ~~Chapter 27 – Manufactured Home & Recreational vehicle sites~~
- Chapter 28 – Marinas & Boatyards
- Chapter 29 – Parking Garages
- Chapter 30 – Motor Fuel Dispensing Facilities & Repair Garages
- Chapter 31 – Forest products

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## Chapter 20-31

- Recall that the CSF PREVENTION Code is subordinate to the CSF SAFETY Code
- View the CSFPC as an behavior control code
- Use this code to deal with operational issues
  - Example: Outside storage of wood chips
    - 31.3.6 leads to NFPA 230 (2003 ed.) language
      - Pile height
      - Pile temperature monitoring
      - Fire access lanes
      - On site firefighting equipment requirements
- Many Connecticut amendments!

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CT Fire Prevention Code

Process Part 4  
Chapters 40-44  
{45-49 are 'reserved'}

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Chapters 40-49  
Fire Safety for Specific Processes

- Chapter 40 – Dust Explosion Prevention
- Chapter 41 – Welding / Cutting / Hot Work Operations
- Chapter 42 – Refueling
  - CT Amendment directly references the CSFSC, SBC, & CT Flam./Comb. Liquid Code
- Chapter 43 – Materials Finishing with Flammable / Combustibles
  - CT Amendment directly references the CSFSC, SBC, & CT Flam./Comb. Liquid Code
- Chapter 44 – Solvent Extraction
  
- Chapters 45-49 are 'reserved'
  
- Does not apply to premises used for manufacturing!

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CT Fire Prevention Code

Equipment Part 5

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**Chapter 50-53**  
**Fire Safety for Specific Equipment**

- Chapter 50 – Commercial Cooking Equipment
- Chapter 51 – Industrial Ovens & Furnaces
- Chapter 52 – Stationary Lead-Acid Battery Systems
- Chapter 53 – Mechanical Refrigeration
  
- Chapters 54-59 are 'reserved'

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**CT Fire Prevention Code**  
  
**Hazardous Materials Part 6**

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**Chapter 60-73**  
**HazMat Related Operations**

- Nearly all of the Hazmat Section (60-73) is either deleted or referred to the SBC & CSFSC
  
- Excepting Chapter 65
  - The storage, use and handling of explosives, fireworks and model rocketry shall comply with the requirements of the:
    - CT Explosives Code
    - CT Fireworks & Special Effects Code
    - CT Model Rocketry Code
    - Chapter 65 of CSFPC



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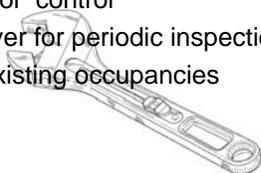
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## Review

### Connecticut State Fire Prevention Code

- 6 parts
- Heavily amended by CT
- Subordinate to SBC & CSFSC
- Think 'behavior' control
- The main driver for periodic inspections
- 'Fits-all' for existing occupancies




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## State Fire Prevention Code Enforcement by Citation

An enforcement option for the LFM



Detectives Bill Gannon & Joe Friday

A quick look at "just the facts"

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## State Fire Prevention Code Compliance Techniques

- CGS 29-291c provides some 'correction' choices
  - Voluntary, immediate abatement
    - Identify the issue(s), correct behavior
  - Abatement order with time component
    - \$50 / day fine per CGS29-291(c)
  - Injunction actions
    - Additional \$200 - \$1000 fine
    - 6 months imprisonment
  - **Citation**
    - Limited to specific portions of CSFPC
  - **Important note: In order to issue a citation, a person must have attended the Certification class offered previously by the OSFM**




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## Fire Prevention Code

- **Citation Process**
  - LIMITED to specific portions of CSFPC
  - Scope
    - Once every 6 months for the same violation
    - Use JD-CR-2 Complaint Ticket
    - Signed by FM and owner / occupant
    - Fine maximum \$250.00
      - 90% back to municipality




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## CSFPC Citable Offenses 10 items --- Count 'em ---10

**Sec. 29-291a-10. Enforcement by Citations**  
 The following chapters or sections of this code may be enforced through the use of the citation process pursuant to section 29-291c of the Connecticut General Statutes.

**Chapter /Section Subject Matter**

Section 1.12 -Operating without a permit as prescribed by law  
 Section 10.15.9 - Provisions for Naturally Cut (Christmas) Trees  
 Sections 10.8, 13.1.7 - Failure to maintain or the shutting- off of any fire protection or fire warning system required by the Connecticut State Fire Safety Code  
 Sections 14.4.1, 14.4.3, 14.4.3.1 - Blocked, insufficient or impeded egress  
 -Chapter 16 Safeguards During Building Construction, Alteration, and Demolition Operations  
 Section 20.1.4.8.3 - Exceeding the established occupancy limit-assembly occupancies  
 Section 20.12.2.4 - Storage and Display of Consumer Fireworks  
 Chapter 41 - Hot Work Operations  
 Section 50.5 - Procedures for Use and Maintenance of Commercial Cooking Equipment  
 Section 65.11.1.5 - Retail Sales of Consumer Fireworks limited to mercantile occupancies

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## CSFPC Citable Offenses Item 1

- **Section 1.12 -Operating without a permit as prescribed by law**
  - Local ordinance is obviously very important!
  - Your municipal attorney needs to be involved in crafting local policy.




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### CSFPC Citable Offenses Item 5

- Chapter 16 Safeguards During Building Construction, Alteration, and Demolition Operations



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### CSFPC Citable Offenses Item 6

- Section 20.1.4.8.3 - Posted occupancy limit  
– assembly occupancies



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### CSFPC Citable Offenses Item 7

- Found in the “mercantile” portion of chapter 20
  - Section 20.12.2.4 - Storage and Display of Consumer Fireworks
    - NFPA 1124 as amended per chapter 20
    - 20.12.2.4.1 – Visual control by employee
    - 20.12.2.4.3 – Storage relative to exits



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### CSFPC Citable Offenses Item 8

- Chapter 41 - Hot Work Operations
  - Permitting
  - Fire watch
  - Fire protection equipment
  - Gas cylinder protection
  - Other Chapter 41 requirements



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### CSFPC Citable Offenses Item 9

- Section 50.5 - Commercial Cooking Equipment
  - Operation
  - Inspection
  - Cleaning
  - Maintenance
  - Fire protection



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### CSFPC Citable Offenses Item 10

- Section 65.11.1.5 - Retail Sales of Consumer Fireworks limited to mercantile occupancies
  - Recall that Item 7 was also related to fireworks display



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## NFPA 1 Program Summary

- Used as Connecticut Fire Prevention Code 'model'
  - Legislative action, regulations
- A maintenance / operational code
  - Behavior control
- Extensive CT Changes
  - Amendments, deletions, additions
- Reference to many Standards
  - To the extent of the reference
- Administered by State Fire Marshal
  - Sole authority to interpret & modify
- Enforced by local Fire Marshals
  - Initial determination of compliance
- Specified inspection frequency
  - based on occupancy hazard
- Citation enforcement tool for specific violations
  - 10 common problems



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Thank-You!



**State of Connecticut**  
**Department of Construction Services**

- Office of the State Building Inspector
  - (860) 685 - 8310
- Office of the State Fire Marshal
  - (860) 685 - 8380
- Office of Education and Data Management
  - (860) 685 - 8330

Office of Education and Data  
Management

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