

## Fire Inspector Certification Program

### New Jersey Uniform Fire Code Inspector training program

Module 8 General Precautions Against Fire  
Part 1

---

---

---

---

---

---

---

1

## Welcome

Instructor introduction

- Before we get started
  - Has everyone signed in?
  - Anyone have any questions?

---

---

---

---

---

---

---

2

## General Fire Safety

In this module we will review...

- State Fire Prevention Code
  - Sub chapter 3 UFC NJAC 5:70-3.1
- IFC 2015 NJ - Chapters 1 through Chapter 8

---

---

---

---

---

---

---

3

**IFC-2015 NJ**  
**Chapter 1 Administration**

- 101.1 Purpose
- 101.2 Scope
- 101.3 Applicability
- 102.0 General Provisions

4

4

---

---

---

---

---

---

---

**IFC-2015 NJ**  
**Chapter 1 Administration**

- 102.1.1
  - List of 10 dangerous conditions when no clear code language exists
  - Should not be used as primary violation
- 103 Terms; Standards; Accepted Practice; Technical Assistance
  - See 103.4
- 104 Maintenance
- 105 Service Utilities

5

5

---

---

---

---

---

---

---

**Chapter 2 Definitions**

- 201 General
  - Scope
- 202 General Definitions
  - Alphabetical listing

6

6

---

---

---

---

---

---

---

### Chapter 3

#### General Precautions against fire

- 301 General
- 302 Definitions
- 303 Asphalt Tar Kettles
- 304 Combustible Waste Materials
- 305 Ignition Sources
- 306 Motion Picture Projection Rooms
- 307 Open Burning & recreational fires
- 308 Open Flames
- 309 Powered Industrial Trucks & Equipment
- 310 Smoking
- 311 Vacant Properties
- 312 Vehicle Impact Protection

7

7

---

---

---

---

---

---

---

---

### Chapter 3

#### General Precautions against fire

- 313 Fueled Equipment
- 314 Indoor Displays
- 315 Miscellaneous Combustible Material Storage
- 316 Hazards to Firefighters
- 317 Rooftop Gardens and Landscaped Roofs
- 318 Laundry Carts
- 319 Rooming and Boarding houses....

8

8

---

---

---

---

---

---

---

---

### 303 Asphalt (tar) kettles



9

9

---

---

---

---

---

---

---

---

### 304 Combustible Waste Material

- Type
- Location
- Capacity
- Exceptions

10

---

---

---

---

---

---

---

---

### 305 Ignition Sources

11

---

---

---

---

---

---

---

---

### 305 Ignition Sources

- Clearance
- Proper disposal of hot ashes and Spontaneous ignition sources
- Deliberate or negligent burning unlawful

12

---

---

---

---

---

---

---

---

### 306 Motion Picture Projection Rooms & Film

■ As per the UCC regulations at the time of construction or alteration.



13

13

---

---

---

---

---

---

---

---

### 307 Open burning



Report  
TAMU



Photo's  
TAMU

14

14

---

---

---

---

---

---

---

---

### 307 Open burning

- Section covers both prohibited and allowable open burning
- Special focus should be paid to Bonfires which has been a problem in New Jersey
- These always require a Type 1 permit and inspection prior to approval

15

15

---

---

---

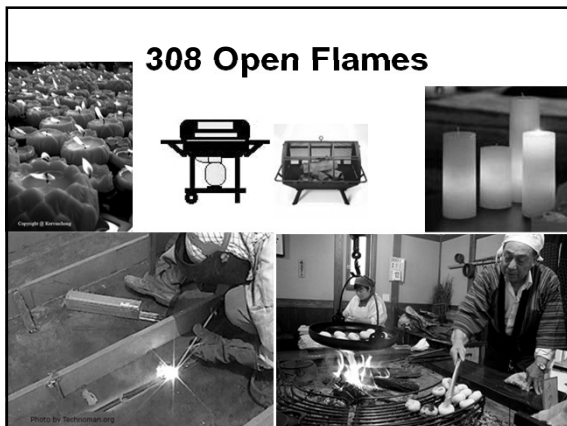
---

---

---

---

---



16

---

---

---

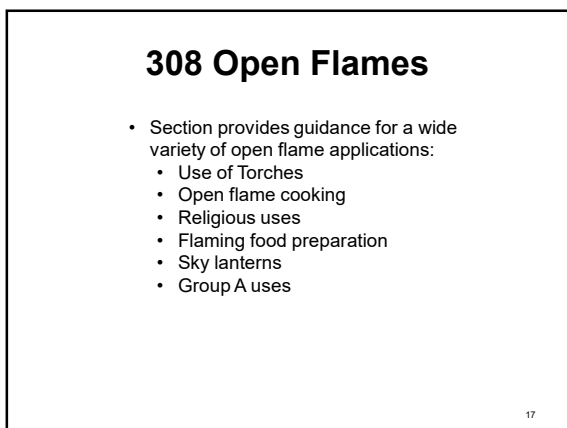
---

---

---

---

---



17

---

---

---

---

---

---

---

---



18

---

---

---

---


---

---

---

---

### 309 Powered Industrial Trucks & Equipment



- Emphasis on hazards and control
  - Battery Charging
  - Fueling
  - Repairs

19

---

---

---

---


---

---

---

19

### 310 Smoking



20

---

---

---

---


---

---

---

20

### 311 Vacant Premises



21

---

---

---

---

---

---

---

21

### 311 Vacant Premises

- This section covers all vacant spaces
- Provides for firefighter safety initiatives through
  - Placarding
  - Safeguarding vacant spaces
  - Eliminating ignition sources
  - Removal of hazardous materials



22

22

---

---

---

---

---

---

---

---

### 312 Vehicle Impact Protection



23

23

---

---

---

---

---

---

---

---

### 312 Vehicle Impact Protection

- Technical specifications – 4 inch or 6 inch bollards listed
- Fire Official responsible for the installation
- This section referred to in other IFC chapters



24

24

---

---

---

---

---

---

---

---



### 313 Fueled Equipment

- Lawn care ,  
mopeds,  
motorcycles, cars  
portable equipment,  
cooking etc  
restricted interior  
use and storage.



25

---

---

---

---

---

---

---

---

### 314 Indoor Displays

- Displays must not  
interfere with  
means of egress
- Combustible Good  
restrictions
- Vehicles on display  
(car shows)



26

---

---

---

---

---

---

---

---

### 315 Misc Combustible Material Storage

- Approved areas
- Clearances
- Egress
- Inside and  
Outside
- Height limits
- Locations



27

27

---

---

---

---

---


---

---

---

### 316 Hazards to Fire Fighters

- 316.1 Trapdoors
- 316.2 Shaft ways
- 316.3 Pitfalls
- 316.4 Obstruction on roofs
- 316.5 Security device
- 316.6 Structures and outdoor storage underneath high-voltage transmission lines



28

---

---

---

---

---

---

---

28

### 317 Roof Top Gardens and Landscaped Roofs

- 317 Roof Top Gardens and Landscaped Roofs
  - 317.1 General
  - Sections 317.2 through 317.5
    - 317.2 Specifies Size limits and separations:
      - 15,625 Maximum Square footage
      - 125 foot maximum single edge
      - 6 foot separation from adjacent gardens and roofs
      - Reference to UCC for design and construction

29

---

---

---

---

---

---

---

29

### 318 Laundry Carts

- 318.1 Capacity 1 cubic yard or over
  - Constructed of Non-Combustible material for use in Group B, E, F-1, I, M and R-1
  - Exceptions:
    - Area protected by an Approved Automatic sprinkler system
    - Laundry carts in coin-operated laundries

30

---

---

---

---

---

---

---

30

**319 Rooming and Boarding Houses and Residential Healthcare Facilities**

- 319.1.1 Cooking limitations
- 319.1.2 Smoking restriction

---

---

---

---

---

---

---

31

**Chapter 4**  
**Emergency Planning & Preparedness**

- 401 General
- 403 Emergency Preparedness Requirements
- 404 Fire Safety & Evacuation and Lockdown Plans
- 405 Emergency Evacuation Drills
- 406 Employee Training & Response Procedures

---

---

---

---

---

---

---

32

**Chapter 4**  
**Emergency Planning & Preparedness**

- 407 Hazard Communication
- 408.15 Hospitality rooms

---

---

---

---

---

---

---

33

### Chapter 4

#### Emergency Planning & Preparedness

- Use Groups A, E, H-5 I-1, I-2,I-3
- R-1
- R-2
- R-4
- Covered mall
- Approval, revisions Tenant ID Maintenance.

34

34

---

---

---

---




---


---

---

### 403 Emergency Preparedness Requirements

- Fire Watch
- Public Safety Plans
- Use specific –previous slide



IAP

35

35

---

---

---

---

---

---

---

### 404 Fire Safety Evacuation plans

- Who is required
- Contents
- Evacuation Plan
- Fire Safety Plan
- Evacuation Drills
- Employee Training & Response Procedure
- Hazard Communication

36

36

---

---

---


---

---

---

---

**405 Emergency Evacuation Drills**



Part of the inspectors document review

37

37

---

---

---

---

---


---

---

---

**Section 406**

■ Employee Training & Response Procedures



38

38

---

---

---

---

---

---

---

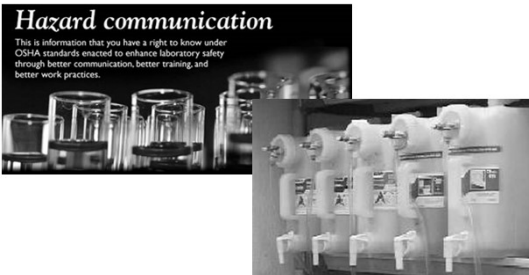
---

**Section 407**

■ Hazard Communication

**Hazard communication**

This is information that you have a right to know under OSHA standards enacted to enhance laboratory safety through better communication, better training, and better work practices.



39

---

---

---

---

---

---

---

---

### 408.15 Hospitality Rooms

- Requirements similar to 403.15 Group overnight stays



40

40

---

---

---

---

---

---

---

### Rooming & boarding houses



41

41

---

---

---

---

---

---

---

### Use Group I-1



42

42

---

---

---

---

---

---

---



43

---

---

---

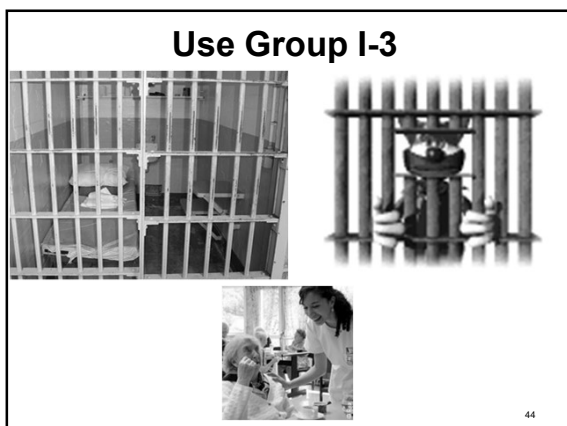
---

---

---

---

---



44

---

---

---

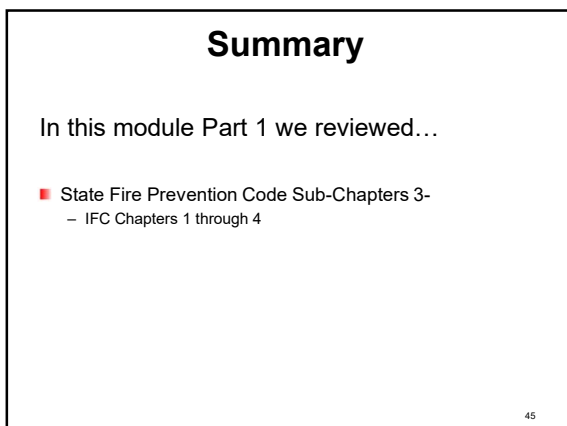
---

---

---

---

---



45

---

---

---

---

---

---

---

---

### Review Question

- See student manual for Review questions
  - Module 8 General hazards

46

46

---

---

---

---

---

---

---

### Next Lesson

Module 8

Part 2

47

47

---

---

---

---

---

---

---

### Homework Assignments

For next module as stated in the syllabus

48

48

---

---

---

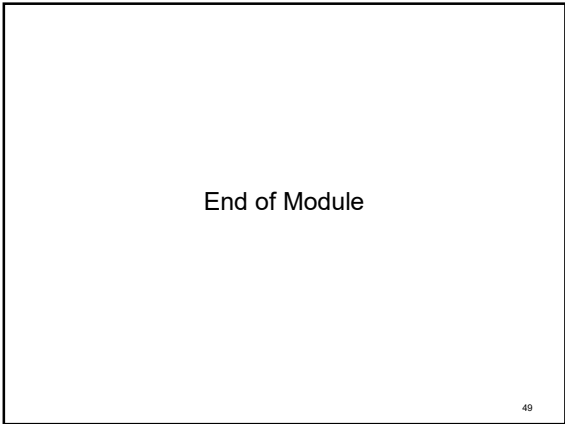
---

---

---

---





49

---

---

---

---

---

---

---