## Fire Prevention
## 2012 IFC & 2012 SFPC

- ❑ SFPC Chapter 1
- ❑ 103.2 Amendments
- ❑ Table 107.2 Operational Permit Requirements
- ❑ 107.12 And 107.14 Fees
- ❑ 108.3.7 Information on the Permit (Operational Permits)
- ❑ 111.1.1 Right of Appeal
- ❑ IFC 112.9 Appeals
- ❑ IFC 202 Definitions
- ❑ IFC 307.1.1 Prohibited Open Buring
- ❑ 311.5.6 Removal of Placards
- ❑ IFC 317 Roof Gardens & Landscaped Roofs
- ❑ Chapter 4 Emergency Planning and Preparedness
- ❑ 403.9.4 Group R-3 and R-5 Lodging Facilities
- ❑ 403.11 Special Requirements for Public Safety
- ❑ 508.1.5(#13) Fire Command Center Required Features
- ❑ 506 Key Boxes and Elevator Service Keys
- ❑ 605.11 Solar Photovoltaic Power Systems
- ❑ 506.1 and 607 Part I and Part II

- ❑ 609.3.3.3.1 Tags
- ❑ 610 Commercial Kitchen Cooking Oil Storage
- ❑ 703.1 Maintenance
- ❑ 704 Floor Openings and Shafts
- ❑ Interior Finish, Decorative Materials and Furnishings 803.1.2, 803.5.2, 804.3
- ❑ 806.2 Artificial Vegetation
- ❑ 808.2 Waste Containers Over 20Gal in Group R-2 College Dorms
- ❑ 808.4 Combustible Lockers
- ❑ 906.1 Portable Fire Extinguishers – Where Required
- ❑ IFC Chapter 7-10
- ❑ 1029.4 Operational Constraints to Emergency Escape and Rescue Openings
- ❑ 2106.2 Dry Cleaning – Spotting and Pretreating
- ❑ 2306.8.1 Listed
- ❑ 2306.8.1 and 2306.8.6 Alcohol-Blended Fuel-Dispensing Operations
- ❑ 3208.3 Rack Storage and Flue Space Protection
- ❑ 3406.1 Fire Department Required Access
- ❑ 5003.1.1(1) Maximum Allowable Quantity per Control Area
- ❑ 5003.10 Handling and Transportation in Quarters or Enclosures of Carts Not Exceeding 5gal
- ❑ 5003.12 Outdoor Control Areas
- ❑ 5601.2.4.1 Liability Insurance for Blasting
- ❑ 5601.2.4.2 Fireworks Display
- ❑ 5603.4 Accidents
- ❑ 5607.16 Blast (shot) Record
- ❑ 5608.4.1 Non-Splitting, Non-Bursting Comets and Mines; and 5608.4.2 Special Distance Requirements
- ❑ 5701.1.1.1 and 5704.2.13.1.3 Flammable and Combustible Liquids
- ❑ 5705.4.1 Unit with Capacity of 60 Gallons or Less
- ❑ 5705.5 Alcohol Hand Rubbing Dispensers (Condition 5)
- ❑ 6104.3.2 Container Locations
- ❑ 6109.1.15 Storage of Portable LP-Gas Containers Awaiting Use or Resale

# FIRE

## 2012 IFC & 2012 VA SFPC

| | |
|---|---|
| ❑ | **SFPC Chapter 1**<br>• Changes to the numbering throughout the entire chapter<br>• Code Officials should review Chapter 1 and make necessary updates. |

| | |
|---|---|
| ❑ | **103.2 Amendments**<br>• All requirements of the reference codes and standards that relate to fees, non-operational permits, unsafe notices, disputes, condemnation, inspections, scope of enforcement and all other procedural, and administrative matters are deleted and replaced by provisions of Chapter 1 of the SFPC |

| | |
|---|---|
| ❑ | **Table 107.2 Operational Permit Requirements**<br>• Multiple editorial changes to the table<br>• Operational permit requirements now direct to 5601 for explosives<br>• Operational permit required to remove paint with torch or use open flame in wildfire hazard area |

| | | |
|---|---|---|
| ❑ | **107.12 And 107.14 Fees**<br>• Lots of new fees for state fire marshal<br>• Fee for bonfires on state property<br>• Fee for replacement certificate | |

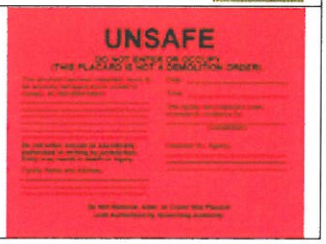
| | | |
|---|---|---|
| ❑ | **108.3.7 Information on the Permit**<br>• Fire officials may use electronic signature – consistent with USBC | |

| | |
|---|---|
| ❑ | **111.1.1 Right of Appeal**<br>• Notices of violation must include right of appeal, except when summons, and inspection reports, are issued<br>• Exceptions:<br>  ○ Summons issued in lieu of notice of violation<br>  ○ Documents reflecting uncorrected violations in subsequent inspections to verify compliance |

| | |
|---|---|
| ❑ | **IFC 112.9 Appeals**<br>• Appeals from local fire code violation go to state appeals board if no local board exists |

| | | |
|---|---|---|
| ❑ | **IFC 202 Definitions**<br>• Existing definitions consolidated to Ch. 2<br>• Definition of "sky lantern" added to Ch. 3 | |

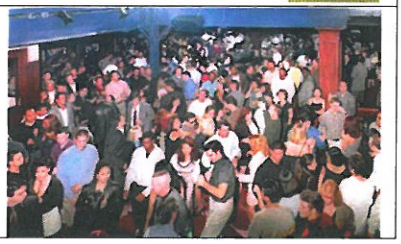
| | | |
|---|---|---|
| ❑ | **307.1.1 Appeals**<br>• Open burning shall be prohibited when atmospheric conditions or local circumstances make such fires hazardous | |

| | | |
|---|---|---|
| ❑ | **311.5.6 Removal of Placards**<br>• Placards may not be removed without permission of fire official |  |

| | | |
|---|---|---|
| ❑ | **IFC 317 Roof Gardens & Landscaped Roofs**<br>• Rooftop gardens and landscaped roofs shall be installed and maintained in accordance with this code and IBC Sections 1505 and 1507.16<br>• Maintenance of this code refer to IFC 317.1 – 317.5 | |

| | | |
|---|---|---|
| ❑ | **Chapter 4 Emergency Planning and Preparedness**<br>• Major rewrite of Chapter 4 | |

| | | |
|---|---|---|
| ❑ | **403.9.4 Group R-3 and R-5 Lodging Facilities**<br>• Fire plan required for Bed and Breakfasts | |

| | | |
|---|---|---|
| ❑ | **403.11 Special Requirements for Public Safety**<br>• Special requirements for public safety shall be as required in section 403.11.1 through 403.11.3.3 |  |

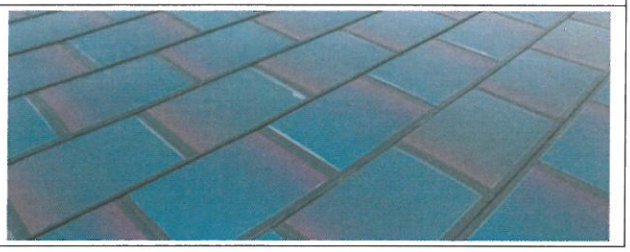
| | | |
|---|---|---|
| ❑ | **IFC 508.1.5(#13) Fire Command Center Required Features**<br>• New building information card requirements for buildings with high-rise buildings<br>• Refer to code section for requirements | |

❑ **506 Key Boxes and Elevator Service Keys**

- Removed from state language
- Now refer to national language (IFC)

❑ **IFC 605.11 Solar Photovoltaic Power Systems**

- New sections added
- Includes requirements for materials, locations of DC conductors, access and pathways
- New IFC provision but carries new construction requirements as well

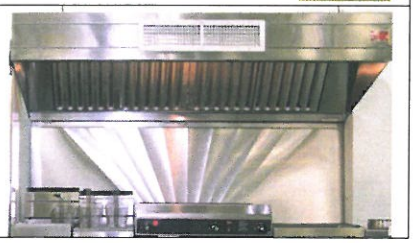


❑ **IFC 506.1 & 607 PartI and Part II**

- There have been several changes to sections 503.1 and 607 which regulate Fire Service Key Boxes and Elevator Keys.

❑ **609.3.3.3.1 Tags**

- Cleaning of commercial hood/duct systems may keep on-site records in lieu of being tagged.



❑ **610 Commercial Kitchen Cooking Oil Storage**

- New standard for kitchen cooking oil storage

| | | |
|---|---|---|
| ❑ | **703.1 Maintenance**<br>• Changes to Chapter 1 still do not require an owner to perform inspections | |

| | | |
|---|---|---|
| ❑ | **704 Floor Openings and Shafts**<br>• Deleted reference to IFC for new elevators and correlating requirements for existing elevators with maintenance code | |

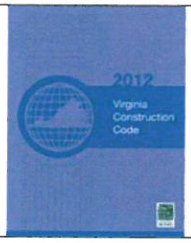
| | | |
|---|---|---|
| ❑ | **Interior Finish, Decorative Materials and Furnishings 803.1.2, 803.5.2, 804.3**<br>• New testing requirements for textile floor, wall and ceiling coverings | |

| | | |
|---|---|---|
| ❑ | **806.2 Artificial Vegetation**<br>• New optional NFPA standard | |

| | | |
|---|---|---|
| ❑ | **808.2 Waste Containers Over 20Gal in Group R-2 College Dorms**<br>• Must be constructed of non-combustible materials or those meeting peak release rate<br>• Portable containers over 30 gal must be stored in a designated waste/laundry collection room | |

| | | |
|---|---|---|
| ❑ | **IFC 808.4 Combustible Lockers**<br>• Considered an interior finish component and must comply with Chapter 8 regulations<br>• Exception for lockers constructed entirely of wood and noncombustible materials | |

| | | |
|---|---|---|
| ❑ | **906.1 Portable Fire Extinguishers – Where Required**<br>• Fire extinguisher requirements now consistent with building code | |

| | | |
|---|---|---|
| ❑ | **IFC Chapter 7-10**<br>• Mostly changes to building code |  |

| | | |
|---|---|---|
| ❑ | **1029.4 Operational Constraints to Emergency Escape and Rescue Openings**<br>• Any constraints to EEROs not approved during construction must be approved by building official | |

| | | |
|---|---|---|
| ❑ | **IFC 2106.2 Dry Cleaning – Spotting and Prespotting**<br>• Updated storage limits for class 1 cleaning solvents | |

❑ **2306.8.1 Listed**

- New standard for E85 fuel dispensers

❑ **2306.8.1 and 2306.8.6 Alcohol-Blended Fuel-Dispensing Operations**

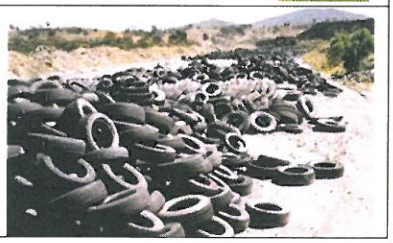
- Identify all components of E85 dispensing system

❑ **3208.3 Rack Storage and Flue Space Protection**

- 3208.3.1 lists approved devices for separation of rack storage

❑ **3406.1 Fire Department Required Access**

- Tire storage yards shall be provided with fire apparatus access roads
- Removed reference to chapter 11

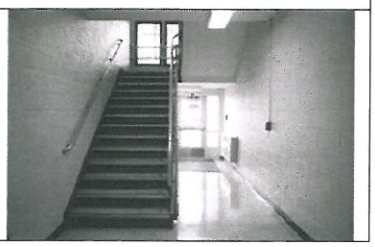


❑ **5003.1.1(1) Maximum Allowable Quantity per Control Area**

- VA amendment retains status quo for permissible firework retail

❑ **5003.10 Handling and Transportation in Quarters or Enclosures of Carts Not Exceeding 5gal**

- Expanded requirements to include all corridors and exits



❑ **IFC 5003.12 Outdoor Control Areas**

- Language revised to include exceptions

❑ **5601.2.4.1 Liability Insurance for Blasting**

- Liability insurance raised from $500k to $1mil

❑ **5601.2.4.2 Fireworks Display**

- Liability insurance raised from $500k to $1mil

❑ **5603.4 Accidents**

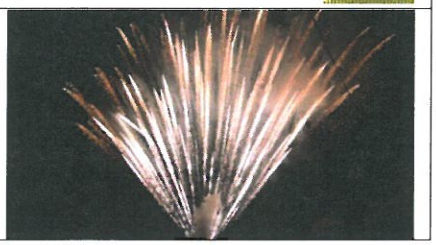
- Accidents for explosives and fireworks resulting in injury or property damage shall be reported to both local jurisdiction and state

❑ **5607.16 Blast (shot) Record**

- New blaster form for recording info

❑ **5608.4.1 Non-Splitting, Non-Bursting Comets and Mines; and 5608.4.2 Special Distance Requirements**

- For comets and mines, special separation distances from spectator areas and buildings are established



❑ **IFC 5701.1.1.1 Flammable and Combustible Liquid Storage Tanks**

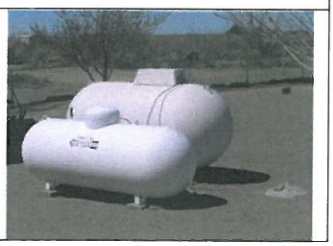
- The 2012 edition of the IFC clarifies the AHJ for Flammable and Combustible Storage Tanks. Where differences occur between the State Water Control Board, the IBC and this code the provisions of the State Water Control Board shall apply.

❑ **5705.4.1 Unit with Capacity of 60 Gallons or Less**

- Previously 5705.4.1
- Solvent distillation units in dry cleaning plants and (non-research) laboratories must meet UL2008

❑ **5705.5 Alcohol Hand Rubbing Dispensers (Condition 5)**

- Dispensers must be tested after refilling
- Must operate in a way that prevents accidental or malicious activation

| | | |
|---|---|---|
| ❑ | **IFC 6104.3.2 Container Locations**<br>• LP-gas containers used in stationary installations not allowed on roofs |  |

| | | |
|---|---|---|
| ❑ | **IFC 6109.1.15Storage of Portable LP-Gas Resale or Exchange**<br>• Changes to resale section and new language on automated exchange systems. | |