

Copperas Cove Fire Department

(Common Fire Code Violations – IFC® 2015)



***** IMPORTANT *****

THE FOLLOWING INFORMATION SHOULD NOT BE CONSTRUED AS A COMPLETE LIST OF ANY AND ALL POSSIBLE FIRE CODE VIOLATIONS. THE INTENT OF THIS LIST IS TO PROVIDE SOME OF THE MOST COMMON FIRE CODE VIOLATIONS FOUND IN HOMES AND BUSINESS ESTABLISHMENTS.

ELECTRICAL HAZARDS (BUILDING SERVICES and SYSTEMS)

Electrical Service Room:

- Clearance around electrical service (breaker panel) shall be a minimum of 30"W x 36"D x 78"H. Storage material shall not be located within the designated work space IFC 2015 (605.3)
- Each individual breaker in a service panel must be clearly labeled to indicate its purpose. IFC 2015 (605.3.1)
- Electrical breaker/fuse(s) shall not be taped in the on position. IFC 2015 (605.1)
- Electrical panel shall have no openings (missing approved safety covers). IFC 2015 (605.6)

Extension Cord:

- Extension cords shall not be a substitute for permanent wiring. IFC 2015 (605.5)
- Extension cords shall not be affixed to structures. IFC 2015 (605.5)
- Extension cords shall not extend through walls, ceilings, or floors. IFC 2015 (605.5)

Exposed / Damaged Wiring:

- Junction Box missing approved cover. IFC 2015 (605.6)
- Open-wire splices are prohibited. IFC 2015 (605.6)
- Switches with damaged/missing approved cover. IFC 2015 (605.6)
- Outlets missing approved cover. IFC 2015 (605.6)
- Exposed electrical wiring. IFC 2015 (605.1)
- Improper electrical wiring of device. IFC 2015 (605.1)

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Multi-plug Adapter / Power Strip:

- Multi-plug adapter(s) are prohibited. IFC 2015 (605.4)
- Power strip(s) shall be grounded and be equipped with overcurrent protection. IFC 2015 (605.4.1)
- Power strip shall be directly connected to an electrical outlet (no piggy-backing). IFC 2015 (605.4.2)
- Power strip cords shall not extend through walls, ceilings, floors, under doors, or under floor coverings. IFC 2015 (605.4.3)

FIRE DEPARTMENT ACCESS (FIRE SERVICE FEATURES)

Fire Hydrant:

- Hydrant shall not be obstructed/hidden. IFC 2015 (507.5.4)
- Hydrant shall have circumferential clearance (3 feet minimum). IFC 2015 (507.5.5)

Fire Lane:

- Striping is insufficient and/or needs repainting. The markings will include the words NO PARKING-FIRE LANE IFC 2015 (503.3)
- Fire Lane surface in disrepair (i.e. potholes) shall be surfaced to provide all-weather capability. IFC 2015(503.2.3)
- Parking in the Fire lane. IFC 2015(503.4)

Premises Identification:

- Address shall be legible from the street posted on front of building (4" minimum character). IFC 2015 (505.1)
- Address not properly posted on front of suite (4" minimum). IFC 2015 (505.1)
- Address numbers not of a contrasting color. IFC 2015 (505.1)

FIRE ALARM SYSTEM

- Overdue for Inspection (annual). TIC - Chapter 6002 & 28 TAC §34.622(h(5))
- Pull is obstructed. NFPA 72-2007 (5.13.5)
- Battery(s) out of date (Sealed Lead-Acid - 5 years). NFPA 72-2007 (Table 10.4.4 Section 6(d)(1))

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FIRE SPRINKLER SYSTEM

Fire Department Connections:

- FDC cap(s) missing or damaged. NFPA 25-2008 (13.7.1(3))
- FDC shall remain clear of any obstructions for a minimum of 3 feet (i.e. Fences, trees). IFC 2015 (912.4)

Gauges:

- Gauges out of date (5 year replacement or calibration tested). NFPA 25-2008 (5.3.2 & 13.2.7.2)

Inspection:

- Overdue for Inspection (annual). IFC 2015 (901.6.1) & NFPA 25-2008 (5.1)

Sprinkler Heads:

- Head(s) are to be free of any accumulation of paint. NFPA 25-2008 (5.2.1.1.2)
- Head(s) obstructed. NFPA 25-2008 (5.2.1.2)

System / Riser:

- Access blocked/obstructed to fire sprinkler system. NFPA 25-2008 (4.1.2)
- Failure to maintain Fire Sprinkler System. IFC 2015 (901.6) & NFPA 25-2002 (4.7)
- Missing/Illegible Hydraulic Nameplate. NFPA 25-2008 (5.2.7)
- System is overdue system flush (every 5 years). NFPA 25-2008 (14.2.1)

FIRE SUPPRESSION “HOOD” SYSTEM

Inspection:

- Pull at/near a means of egress, 10 to 20 feet from kitchen exhaust system. IFC 2015 (904.11.1)
- K-Class Extinguisher must be mounted and within 30 feet of cooking equipment. IFC 2015 (904.11.5.2)
- Overdue for Inspection (semi-annual). IFC 2015 (904.11.6.2) & NFPA 17A-2002 (7.3.2)
- Manual Pull Obstructed. NFPA 17A-2002(7.2.2(2))

System:

- Inspection: Insufficient nozzle coverage. Size, placement and position of nozzles. IFC 2015 (904.4.1)

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- Needs to be cleaned. NFPA 17A-2002 (7.3.4)
- Nozzle blow-off caps are missing or damaged. NFPA 17A-2002 (7.2.2(7))

Vent-a-Hood:

- Needs to be professionally cleaned. IFC 2015 (609.3.3)
- Missing filters. NFPA 96-2008 (6.1.1)

FIRE EXTINGUISHER

Accessibility:

- Hand-held extinguisher shall be installed on hanger/bracket supplied. IFC 2015 (906.7)
- Shall be located in conspicuous locations where they will be readily accessible. IFC 2015 (906.5)
- Shall not be obstructed or obscured from view. IFC 2015 (906.6)
- Top of the extinguisher shall be mounted no higher than 5feet (40 lbs or less). IFC 2015 (906.9.1)

Inspection:

- Overdue for Inspection (annual). NFPA 10-2007 (7.3.1)
- Missing Tag. NFPA 10-2007 (7.3.3)
- Extinguisher shall be recharged after any use or as indicated by inspection. NFPA 10-2007 (7.4.1.1)
- Pressure gauge reading or indicator not in operable range or position. NFPA 10-2007 (7.2.2(3))
- Safety seal and tamper indicators are not broken or missing. NFPA 10-2007 (7.2.2.2(2))

Hydrostatic Test:

- CO2 extinguisher required to be hydrostatically tested every 5 years. NFPA 10-2007 (8.3)
- Dry chemical (stainless steel) is required to be hydrostatically tested every 12 years. NFPA 10-2007 (8.3)
- Wet chemical extinguisher required to be hydrostatically tested every 5 years. NFPA 10-2007 (8.3)

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STRUCTURAL (FIRE-RESISTANCE-RATED CONSTRUCTION)

Fire Doors and Walls:

- Fire Door(s) assembly improperly modified. IFC 2015 (703.2)
- Fire Door(s) do not close and latch properly. IFC 20015 (703.2.3)
- Fire Wall (Smoke Barrier) not maintained properly. IFC 2015 (703.1.2)

Ceilings:

- Improper hanging of merchandise or decoration from the ceiling. IFC 2015 (703.3)
- Missing or damaged ceiling tiles. IFC 2015 (703.1)

MEANS OF EGRESS

Emergency Exit Egress:

- EXIT cannot be concealed by curtains, drapes, decoration, or similar materials. IFC 2015 (1010.1)
- EXIT door cannot have improper locking hardware. IFC 2015 (1010.1.9.1)
- EXIT sign damaged or missing. IFC 2015 (1011.1)
- EXIT sign not illuminated properly. IFC 2015 (1013.6.2)
- Means of egress is blocked/obstructed. IFC 2015 (1013.6)
- No combustible storage in means of egress. IFC 2015 (315.3.2)
- Emergency lighting shall be electrically powered with battery backup. IFC 2015 (1013.6.3)

Emergency Exit Door(s):

- Door shall be set in motion with a maximum of 30 lbs. of force. IFC 2015 (1010.1.3)
- Door shall swing to a full-open position with a maximum of 15 lbs. of force. IFC 2015 (1010.1.3)
- EXIT door hardware shall be maintained in working condition. IFC 2015 (1010.1.9)
- EXIT door cannot have improper locking hardware. IFC 2015 (1008.1.9.1)

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GENERAL PRECAUTIONS AGAINST FIRE

Miscellaneous Combustible Materials Storage:

- Storage of combustible materials shall be orderly. IFC 2015 (315.2)
- Storage shall be maintained 2 feet or more below the ceiling (non-sprinkled). IFC 2015 (315.3.1)
- Storage shall be maintained 18 inches or more below the ceiling (sprinkled). IFC 2015 (315.3.1)
- Combustible materials shall not be stored in exits or exit enclosures. IFC 2015 (315.3.2)
- Combustible materials shall not be stored in boiler, mechanical, or electrical rooms. IFC 2015 (315.3.3)
- Storage of combustible materials shall not be stored/displayed beneath overhead projections (non-sprinkled). IFC 2015 (315.4.1)
- Storage in the open shall not exceed 20 feet in height. IFC 2015 (315.4.2)
- Clearance between ignition sources (heaters and combustibles) shall be maintained. IFC 2015 (305.1)
- Compresses gas cylinder not properly secured by an appropriate restraint. IFC 2015 (5303.5.3)