

Common Code Violations

GENERAL

- **Premises identification:** Approved numbers or addresses shall be provided for all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. These numbers need to contrast with their background and be a minimum of 4 inches high. Section 505.1 of the IFC.
- **Fire extinguishers:** Minimum rating of 2A:10BC and a current inspection. Shall be mounted by an exit or along an unobstructed path of travel. Number of extinguishers required dependent on maximum travel distance to extinguisher of 75 ft. One extinguisher for each 3,000 sq. ft. Portable Fire Extinguishers shall be in accordance with section 906 of the IFC.

Electrical:

- Access to switchboards and panels: A clear and unobstructed means of access with a minimum width of 30 inches, minimum depth of 36" and minimum height of 78 inches shall be maintained from the operating face of the panel. Circuits in panels shall be legible and marked to indicate its purpose. IFC 605.3
 - Extension cords shall not be used as a substitute for permanent wiring. Extension cords should be used only with portable appliances and shall be unplugged when not in use. IFC 605.5
 - Multi-plug adapters and power taps: multi-plug adapters, cube adapters, strip plugs and power taps must be polarized or grounded, having over current protection, and shall be listed. IFC 605.4 The power tap shall be directly connected to a permanently installed receptacle. Cords shall not extend through walls, ceilings, or floors, under doors or floor coverings, or be subject to environmental or physical damage.
 - Wiring: Require repair of any obvious electrical hazards. Junction box or control panel covers missing. Outlet cover plates missing or broken. Damaged wiring, broken fixtures, circuit breakers taped in the on position.
- **Storage:** Storage of combustible materials shall be orderly. Storage not allowed in exits or exit enclosures, in mechanical, boiler, or electrical equipment rooms. Attic, under floor, and concealed spaces shall not be used for storage of combustible materials unless protected on the storage side as required for one-hour fire-resistive construction. IFC 315 Maintain 36" clearance from heat producing appliances (furnace, wood stoves, hot water heater, space heaters, etc.) and in front of all breaker panels. Limit of 10 gallons of flammable & combustible liquids storage. Amounts exceeding 10 gallons must be stored in approved flammable liquid cabinets
 - **Exits:** Two required for over 49 occupant load on grade level & over 10 occupant load upper levels. Lighted exit signs and emergency lighting maintained. Exit doors openable from the inside without the use of a key or any special knowledge. Fire doors self-closing and shall not be propped open other than by an approved magnetic device connected to fire alarm system. Exit path kept clear and unobstructed. Aisles minimum 44" in public areas over 49 occupant load 36" less than 49 occupant load. Minimum 24" aisles in employee only areas. Escape/rescue window or door directly to the outside required for every sleeping room.
 - **Compressed Gas Cylinders:** All compressed gas cylinders (CO₂, O₂, Acetylene, etc.) shall be chain/secured or properly nested to prevent them from being knocked over.
 - **Fire Alarm/Fire Suppression Systems:** All systems maintained – tested annually and tagged by qualified technician. Storage maintained 18" (horizontal plane) below sprinkler heads.

Special Occupancies

Educational (Daycares)

- See attached
Administrative Rules for Certification of Child Care Facilities (State governed)

Educational (Schools)

- See IFC chapter 4 for requirements for fire drills/lock down drills frequency & reporting requirements.

Fuel-Dispensing Stations

- Emergency shutdown devices for exterior fuel dispensers shall be located within 100 ft. of, but not less than 20 ft. from, dispensers.
- Signs prohibiting smoking, prohibiting dispensing into unapproved containers and requiring vehicle engines to be stopped during fueling shall be conspicuously posted within sight of each dispenser.
- A fire extinguisher with a minimum rating of 2A:20BC shall be provided and located such that it is not more than 75 ft. from any pump, dispenser or fill-pipe opening.
IFC Chapter 23

Repair Garages:

- Smoking and open flames shall be prohibited in areas used for servicing motor vehicles.
- Oily rags and similar waste materials shall be stored in metal, metal-lined or other approved containers equipped with tight fitting covers.
- Sources of ignition shall not be within 18 inches of the floor

Hotels / Motels

- Smoke detectors in each room. Need to keep test log.
- Laundry / Cleaning supply areas (chemical storage)
- Evacuation / Emergency escape plans
- Required fire doors must be self-closing or automatic closing upon detection of smoke. Cannot be propped or blocked open.
- Review common code violations

Restaurant

- Hood systems / Extinguishing agents – tested and tagged every 6 months
- Hood should be inspected & cleaned in increments in according with IFC 609
- Class K extinguisher
- Occupant load posted in conspicuous location.

Hazardous Materials Occupancies:

- MSDS located on site
- Numerous requirements - Refer to fire marshal