



Amendments to the 2018 International Fire Code



2018 International Fire Code

The purpose of the fire code:

- Establishes the minimum requirements consistent with nationally recognized good practices.
- Provides a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions.
- Applies to new and existing buildings, structures and premises.
- Provides safety to firefighters and emergency responders during emergency operations.



Why Adopt the 2018 IFC?

- Address new technology, building materials, and processes.
- New editions of the code every three years.
- 1991 UFC, 2000 IFC, 2003 IFC, 2006 IFC, and 2012 IFC.
- ISO requires that we be within two code cycles.
- Compliments the IBC and other ICC codes.



Adoption Process

- Reviewed changes with our focus group.
- Coordination with Development Services.
- Discussions with other municipalities facilitated by the Heart of America Metro Fire Chiefs Council / Fire Marshal's Section.



LSFD Legacy Amendments

- Operational Permits
- Fireworks
- Open Burning
- Distance to hydrants.
- Sprinklered building height and standpipes.
- Distance to FDC's.
- Adoption of appendices.
- Existing Buildings (Chapter 11)



What's New

- New provisions address hazards related to outdoor pallet storage, higher education laboratories, mobile food trucks and plant processing and extraction activities.
- Mass Notification Requirements for college and university buildings have been added to the code.
- A new Energy Systems chapter.
- Integrated testing requirements for fire protection and life safety systems have been added for high rise buildings and smoke control systems.
- Gas detection systems have been revised throughout the code to be more reflective of industry practice.
- Sprinkler protection of Group E occupancies has of a new thresholds related to fire areas.
- Removed 1/1/2 inch hose from standpipes systems when sprinklered (Class II).



What's New- Part Two

- Manual fire alarm systems in Group A occupancies are now required not only when the occupant load is 300 or more but also where the occupant load exceeds 100 above or below the lowest level of exit discharge.
- A manual fire alarm system and an automatic smoke detection system are no longer required in Group R-4 occupancies.
- New provisions require illumination for the exit discharge path of travel to the public way or to a safe dispersal area for all occupancies.
- Provisions for outdoor assembly events, indoor trade shows and exhibitions.
- The fire watch requirements for construction and demolition activities.
- Maintenance of fire and smoke protection features in Chapter 7 have been enhanced and reorganized.
- Established new occupant load for concentrated business use of 50sqft./person



Questions?







Fire Extinguishers

When used properly, a portable fire extinguisher can save lives and property by putting out **SMALL** fires.

- Know how to use it before the fire.
- Keep them charged and in working order.
- Know where they are.
- Have a clear route of escape.
- Make sure the type of extinguisher matches the type of fire.




Types of Fire Extinguishers

- Water
- Dry chemical
- Carbon dioxide
- Specialized fire extinguisher



Fire Extinguishers

CLASSES OF FIRES	TYPES OF FIRES	PICTURE SYMBOL
A	Wood, paper, cloth, trash & other ordinary materials.	
B	Gasoline, oil, paint and other flammable liquids.	
C	May be used on fires involving live electrical equipment without danger to the operator.	
D	Combustible metals and combustible metal alloys.	
K	Cooking media (Vegetable or Animal Oils and Fats)	





FIRE!

Rescue or remove

Alert (911) and alarm

Contain

Exit or extinguish





Extinguisher Use

Pull pin

Aim at base of fire

Squeeze handle

Sweeping motion





Thank You !
Now It's Your Turn





Electrical Safety

Numerous business fires are caused by some type of electrical malfunction or failure.

- Replace loose or frayed cords.
- Do not run extension cords under carpet or chair mats.
- Extension cords need to be the same size or greater than what you are trying to provide power.
- Avoid overloading outlets.
- Keep electrical panels clear of obstructions and properly marked.
- Maintain electrical equipment



Space Heaters

- Plug your electric-powered space heater into an outlet with sufficient capacity; never into an extension cord.
- Keep all things that can burn, such as paper, or furniture at least **3** feet away from heating equipment.
- Turn off the space heater when the room, or desk areas unoccupied.



Mission Statement

We, the members of the Lee's Summit Fire Department are committed to our community and those we serve with a long standing tradition of providing safe and efficient services while saving lives, minimizing risk and protecting property utilizing a team of emergency professionals.

