



Central Jackson County Fire Protection District

Fire Sprinkler Permit



*Any structure requiring an automatic sprinkler system as required by IFC 903 or installed voluntarily shall submit a fire sprinkler permit and follow all recognized standards plus those additions and amendments as stated below. All required information and documents shall be electronically sent to Captain Derrick Llewellyn, dllewellyn@cjcfpd.org.

- Where an automatic extinguishing system is installed in a building, audible and visible notification appliances shall be installed throughout the building as follows:
 - 1. Audible notification appliances shall be installed so as to be audible at 15 dBA above average sound pressure level throughout the building.
 - 2. Visible notification appliances shall be installed in all public and common use areas, restrooms, and corridors in accordance with the spacing requirements of NFPA 72.
 - 3. Visible notification devices can be eliminated in normally unoccupied portions of buildings where permitted by the code official.
 - Exception: The requirements of this Section do not apply to Group R-3 occupancies."
- Fire Department Connection requirements (when building has sprinkler)
 - needs to have fire truck access within 50 feet
 - designated hydrant no more than 100 feet from FDC (not part of fire flow requirement)
 - FDC with 5" storz with 30* turn down
 - clearance of 3' each side
 - FDC height shall be between 36"-48" from ground level
 - horn and strobe above it with signage in clear view must be 4-6" letters contrasting and reflective.
 - If multiple FDC on building they **MUST** be labeled with address range for the specific FDC
 - If location of FDC should change from plans submitted, a visual inspection of new location must take place prior to being installed.
- If multiple tenants, **MUST** have own sprinkler flow switch/tamper switch and be addressable to the specific tenant space. The alarm system as well must be addressable to the specific tenant space.
- Need set of sprinkler plans with Missouri engineer stamp on all new systems or existing system where more than 20 heads are relocated or added.
- The following would be an addition to IFC Section 903:
 - Any building requiring an automatic sprinkler system as required by IFC 903 and meets the following criteria must install a separate water flow switch that is addressable through the fire alarm system.
 - Any building that has an automatic sprinkler system with multiple addresses or suites that is greater than two (2)
 - Any building requiring an automatic sprinkler system as required by IFC 903 shall have a permanent, maintained water source within 100' of the fire department connection.
- Fire-flow requirements for buildings or portions of buildings and facilities shall be determined by using the current adopted IFC code appendix B.
 - The minimum number of hydrants shall be determined by using the current adopted IFC code appendix C.
 - Number of hydrants can be reduced by code official if deemed appropriate.
 - Example: Building with automatic extinguishing system



Central Jackson County Fire Protection District Fire Sprinkler Permit



Application

Name of Business								
Address					State		Zip	
Design Company Name								
Designer Name				Phone#		email		
Contractor Company								
Contract Name				Phone#		email		

Building Details							
Building Classification (per IFC)							
Floors Above Grade		Floors Below Grade		Total Square Footage		Occupant Load	
New System		Adding/Replacing/Appliance Only *No permit required for 12 Heads or less					

Documents Required

- 1) Electronic submittal of Missouri Engineer stamped plans for review.
- 2) Flow calculations.
- 3) Data sheet for all equipment, devices, and materials indicating UL Listed for which they are installed.
- 4) Scope of work.

FOR OFFICE USE ONLY

Permit Number:		Review Date:	
Issue Date:		Review By:	