

FIRE EXTINGUISHER REQUIREMENTS

Types of Fire Extinguishers

Class A: Used to extinguish fires involving ordinary combustibles. (Wood, paper, cloth, rubber, plastic)

Class B: Used to extinguish fires involving flammable liquids.

Class C: Used to extinguish fires involving live or energized electrical equipment.

Class D: Used to extinguish fires involving combustible metals.

Class K: Used to extinguish fires involving cooking products. (Vegetable or animal oils and fats)

Requirements

Per NFPA 10 and Section 906 of the 2006 International Fire Code (IFC), portable fire extinguishers shall be located in the following locations:

- In new and existing Group A, B, E, F, I. M. R-1, R-2, R-4 and S occupancies.
**See exception (906.1) for new and existing Group A, B, and E occupancies equipped throughout with quick-response sprinklers.
- Within 30 feet of commercial cooking equipment.
- In areas where flammable liquids are stored, used or dispensed.
- On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1 of the 2006 IFC.
- Where required by the sections indicated in Table 906.1 (p. 79) of the IFC.
- Special hazard areas, including but not limited to laboratories, computer rooms and generator rooms, where required by the fire code official.

Area & Distance Requirements

	Light	Ordinary
Extra	(Low)	(Moderate)
(High)	Hazard	Hazard
Hazard		
Criteria		
Occupancy	Occupancy	Occupancy

Maximum floor area per extinguisher(s): 11, 250 sq. ft. 11, 250 sq. ft. 11, 250 sq. ft.

Maximum travel distance to extinguisher(s): 75 feet 75 feet 75 feet

Kitchen & Cooking Area Requirements

- Class K fire extinguishers shall be required where there is the potential for fires involving combustible cooking materials. (Vegetable or animal oils and fats)

- ❑ The maximum travel distance to the Class K fire extinguisher shall not exceed 30 feet from the hazard to the extinguisher.

Size Requirements

- ❑ **Groups A, B, E, I-1, I-2, M, R-1, R-2, U :** 2A40BC
- ❑ **Groups F and S:** 3A40BC
- ❑ **Group H:** 4A60BC
- ❑ **Cooking areas in Groups R-1, R-2 and R-4:** 1A10BC

Installation Requirements

- ❑ Fire extinguishers shall be installed so that the top of the extinguisher is not more than 42" above the finished floor.
- ❑ In no case shall the bottom of the fire extinguisher be less than 4 inches above the finished floor.

Signage Requirements

- ❑ Approved identifying signage shall be installed at a height of no more than 6 feet above the finished floor.
- ❑ Signage shall not be obstructed or obscured from view. In rooms or areas where visual obstruction cannot be avoided, means shall be provided to indicate the location of extinguishers as determined by the Sycamore Fire Department.

Inspection Requirements

- ❑ All required fire extinguishers shall be inspected, serviced and tagged annually by a licensed fire extinguisher company. Required inspections are the responsibility of the building owner or tenant.

Area Fire Extinguisher Service Providers

Fire & Safety Equipment of Rockford Safety	Aurora Tri-State	Illinois Fire &
2420 Harrison Avenue Unit C Rockford, IL 61108 60134 (800) 541-2528	1080 Corporate Blvd. Aurora, IL 60502 (630) 978-0600	350 Lark Street, Geneva, IL (888) 455-3473

Fox Valley Fire & Safety
2730 Pinnacle Drive
Elgin, IL 60124
(847) 695-5990

Fyr-Fyters Sales & Service, Inc.
1222 West 6th Street
Dixon, IL 61021
(815) 284-2013