



# **TINLEY PARK FIRE PREVENTION**

## **PORTABLE FIRE EXTINGUISHER REQUIREMENTS**



### **Overview**

Every occupancy in the Village of Tinley Park is required to have an approved properly serviced portable fire extinguisher. Section 906 of the 2012 International Fire Code specifies the type and size of the fire extinguisher required for an occupancy or a specific hazard. NFPA 10 is also followed regarding the selection, maintenance and installation of portable fire extinguishers.

Service of portable fire extinguishers must be performed by individuals licensed through the Illinois Office of the State Fire Marshal.

In general, an ABC-type extinguisher with a minimum of a 2A rating will suffice for most occupancies. The number of extinguishers will depend on the configuration of the occupancy. The general “rule” is you should be able to walk 75 feet in any direction to locate an extinguisher. Depending on the hazard type (low, moderate, high) determines the maximum travel distance.

### **Fire Extinguisher Location**

No matter the size or type of the extinguisher, it must be installed in a visible and accessible location. Portable fire extinguishers can be mounted no closer than 4 inches from the floor and no more than 60 inches above the floor for extinguishers weighing 40 pounds or less.

Portable fire extinguishers exposed to damage must be in an approved cabinet with no locking device.

### **Extinguishers for Cooking Operations**

Where cooking operations involve deep fat fryers a listed Class-K fire extinguisher is required. All Class-K portable fire extinguishers must be installed per manufacture’s recommendation but no more than a 30-foot travel distance and as follows:

- 1-4 fryers with a maximum capacity 80 pounds each will require one Class-K extinguisher with a minimum 1.5-gallon capacity.
- Greater than 4 fryers will require an additional Class-K extinguisher with a minimum 1.5-gallon capacity.
- Individual fryers exceeding 6 square feet of surface area will require a Class-K extinguisher with a minimum 1.5-gallon capacity.

### **Fire Extinguisher for the Home**

For those who wish to have a fire extinguisher in their home, the recommended minimum size is 2A 10BC. When looking for a portable fire extinguisher at the local home improvement store, this rating is easily found on the extinguisher box.



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### Additional Fire Extinguisher Requirements Based on Hazard/Occupancy

Hazard	Extinguisher Size	Distance
Asphalt kettles	40BC	25' from kettle in use
Open burning	4A	Available for immediate use
Open flames	4A or equivalent	Available for immediate use
Industrial trucks	4A 20BC	20' from vehicle
Heliports	80BC	75'
Dry cleaning	2A 10BC	Near doors
Fuel dispensing	2A 20BC	75'
Repair garages	10B/20B	30'/50'
Spraying operation	40B/80B	30'/50'
Dip tank operation	40B/80B	30'/50'
Powder coat areas	40B/80B	30'/50'
Lumberyard	80B	50'
Recycling	4A 60BC	On vehicles/equipment
Exterior lumber	4A	75'
Industrial ovens	2A	No less 15' – 50'
Tents	2A	75'
Rack Storage	2A/4A	75'
Construction/demo	2A/4A	Stairwell all floors/all storage areas
Roofing operation	3A 40BC	On every roof being covered
Tire storage	2A/4A	75'
Welding/hot work	2A 20 BC	30' from hot work
Combustible fibers	40B/80B	30'/50'
<b>Flammable/Combustible Materials</b>		
Liquids	10B	30'
Solids	As Approved	30'
Indoor Storage	20BC	Not less than 10' - 50'
Construction Site	20BC	As required by fire official
Tanker vehicles	20ABC	15' from vehicles dispensing valves
LP gas	10B/20B	30'/50'

**Have additional questions?** Contact Fire Prevention at 708-444-5200.