



# Fire Marshal's Office

1500 Highway 66  
 Garland, TX 75040  
 (972) 781-7148  
 (972) 781-7142 – fax

## FIRE EXTINGUISHERS

Revised 11/06/18

Portable fire extinguishers shall be installed in occupancies and locations as set forth in this code and as required by the Fire Marshal's Office. The Garland Fire department legally requires at a minimum a 2-A:10-B:C class fire extinguisher. The following are minimum requirements for fire extinguisher coverage per occupancy classification. A structure must have at least one (1) Unit of A extinguishing capacity for every three thousand (3000) square feet of floor area. The extinguisher classification shall coincide with the occupancy classification of the structure, as listed in the table below.

OCCUPANCY CLASSIFICATION	EXTINGUISHER CLASSIFICATION	MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER
S-3	2A:10 B-C	75 FEET
S-3 W/FUEL DISPENSER	4A:40 B-C	75 FEET
B	2A:10 B-C	75 FEET
B W/COOKING AREA	2A:40 B-C	30 FEET
A, E, & I	2A:10 B-C	75 FEET
W/COOKING AREA	2A:40 B-C	30 FEET
R-1, M, F, S-1	2A:10 B-C	75 FEET
S-2	2A:10 B-C	75 FEET
S-5	2A:10 B-C	75 FEET
H-4	4A:40 B-C	50 FEET
W/SPRAY BOOTH	4A:40 B-C	30 FEET
ASPHALT KETTLE	40 B-C	25 FEET
HEATING EQUIPMENT	2A:40 B-C	30 FEET
W/ COOKING UNDER HOOD	2A: 1.5 B-C-K	30 FEET
W/KETTLE 3A:40 B-C ON ROOF		



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**EXCEPTION:** All new installations of UL 300 listed systems shall be accompanied by a 2-A:1-B:C:K fire extinguisher. All existing hood systems shall be retrofitted with a 2-A:1-B:C:K within (1) one calendar year from 6/15/99.

### MOUNTING, INSPECTION AND MAINTENANCE REQUIREMENTS

Fire extinguishers shall be hung on brackets not more than 5 feet above the floor with a minimum clearance of 4 inches between the bottom of the fire extinguisher and the floor.

1. Extinguishers shall be subjected to a yearly inspection by a state licensed extinguisher company.
2. Extinguishers shall be subjected to maintenance not more than 6 years apart or when specifically indicated by an inspector.

#### **Restaurant hood suppression systems and/or spray booths, etc.:**

- (a) On a semi-annual basis, all pre-engineered automatic dry chemical extinguishing systems shall be inspected and if any deficiencies are found, **appropriate corrective action shall be taken immediately.**
- (b) On an annual-basis all pre-engineered automatic dry chemical extinguishing systems shall be recharged and a thorough check of the system shall be conducted.

#### **Inspection of Range Hoods to include:**

Current inspection **Tag** dated within the last 6 months.  
System is fully pressurized.  
Discharge nozzles are provided with blow-off caps.  
All filters are in place.  
Hoods are clean and free of excess grease build-up. All detectors, releasing devices, piping, hose assemblies, nozzles, alarms, and all auxiliary equipment are examined.

#### **Definitions:**

**Inspection** - A "quick check" that an extinguisher is available and will operate. It is intended to give reasonable assurance that the extinguisher is fully charged and operable. This is done by seeing that it is in its designated place that it has not been actuated or tampered with, and there is no obvious physical damage or condition to prevent operation.



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**Maintenance:** - A "thorough check" of the extinguisher is intended to give maximum assurance that an extinguisher will operate effectively and safely. It includes a thorough examination and any necessary repair or replacement, as well as the replacement of the extinguishing agent. It also includes the expellant of certain types of extinguishers and hydrostatic testing if indicated by the date stamped on the extinguisher body.

**For items not listed refer to 2015 IFC, NFPA 10, local amendments, and any material deemed applicable by the Fire Marshal.**

<http://www.garlandtx.gov/312/Fire-Prevention>