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## PORTABLE FIRE EXTINGUISHER REQUIREMENTS FOR COMMERCIAL BUILDINGS

This document is intended to provide general information related to fire extinguisher requirements for commercial buildings, and is not designed nor can be relied upon to completely cover all situations. The information provided references NFPA 10 Standard for Portable Fire Extinguishers. More detailed information can be attained by acquiring an actual copy of NFPA 10.

Fire Extinguisher use, installation, maintenance and precautions should follow NFPA 10 as well as all manufacturer guidelines. Should information contained herein differ from NFPA 10 or the manufacturers guidelines, please defer to the standard or guidelines for definitive guidance.

Buildings must be classified according to their hazard classification before the minimum size portable fire extinguisher requirement can be determined.

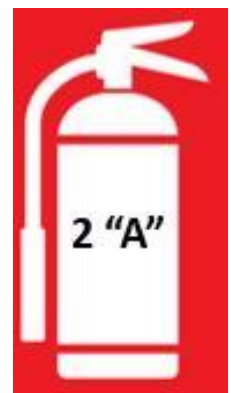
Examples of each class of hazard include occupancies that have conditions similar to:

### Light Hazard:

Churches	Educational
Hospitals	Theaters
Offices	Residential
Restaurant seating area	Retail sales

### Ordinary Hazard:

Automobile Parking Garages	Bakeries
Paper and Pulp Mills	Distilleries
Printing and Publishing	Feed Mills
Restaurant Kitchens (Class K)*	Laundries
Tire Manufacturing	Warehouses



Note:

904.11.5 Commercial cooking equipment

Portable fire extinguishers shall be provided within a 30-foot travel distance of commercial type cooking equipment. Cooking equipment involving vegetable or animal oils and fats shall be protected by a Class K rated portable extinguisher.

**Extra Hazard:**

Chemical Plants

Dry Cleaning Plants

Flammable Liquid Spraying

Metalworking

Repair Garages

Printing (using inks with below 100 degree flash point)

Solvent Cleaning

Upholstery With Plastic Foam

Varnish and Paint Chipping

Woodworking

Saw Mills

Utilize the following table to determine the proper minimum fire extinguisher size:

Type of Hazard	Minimum Size Portable Extinguisher	Maximum Travel Distance
Light Hazard 2A 10BC	75Feet (Low)	
Ordinary Hazard (Moderate)	2A 20BC or 2A 40BC	75Feet
Extra Hazard (High)	4A 40BC up to a 4A 80BC	75Feet

Note: Fire extinguishers are recommended for, but not required, in private dwellings. Portable fire extinguishers must be listed and labeled by a recognized approval agency.

