



# NORTHSTAR FIRE DEPARTMENT



## Portable Fire Extinguishers – Guidelines & Specifications

### Fire Prevention Guideline P-02

## PURPOSE

This guideline is not an extensive list. It is meant to help in the determination of the total number and placement of fire extinguishers within various occupancies.

## SCOPE

Portable fire extinguishers shall be provided in occupancies and locations as set forth CFC Chapters 1, 33, 35 & Title 19 & NFPA 10 or as required by the AHJ. Portable fire extinguishers shall be mounted in a conspicuous location that is unobstructed and unobscured from view (out in the open, not behind any doors).

## REQUIREMENTS

### 1. SHORT TERM RENTALS (STRs)

#### 1.1 Residential buildings (single or multi-family)

- One (1) minimum 3A:40BC rated extinguisher shall be located on each floor mounted no higher than 5' and no lower than 4" with receipt (if new) or service tag (showing the extinguisher was serviced within the year by a professional contractor) attached to the extinguisher.

### 2. R2 RESIDENTIAL COMPLEXES

#### 2.1 Residential buildings of apartments, condominiums, and town houses with three (3) or more dwelling units

- One (1) minimum 2A:10BC rated extinguisher shall be located on each floor such that the travel distance does not exceed 75 feet.
- Two (2) or less living units may be served by an extinguisher on the next lower floor if the travel distance does not exceed 75 feet.
- One (1) minimum 2A:10BC rated extinguisher shall be located in potentially hazardous areas such that the travel distance does not exceed 75 feet. Hazard areas include:
  - Laundry Rooms
  - Recreation Rooms
  - Underground Parking Garages
  - Assembly Rooms
  - Attached Garages and Carports

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### 3. COMMERCIAL AND INDUSTRIAL BUILDINGS

- 3.1 **Light Hazard** – Includes offices, classrooms, churches, assembly halls, etc.
- One (1) minimum 2A:10BC rated extinguisher is required for each 6,000 square feet of floor area and must be located such that the travel distance does not exceed 75 feet. (Near exit is preferred.)
- 3.2 **Ordinary Hazard** – Includes mercantile storage and display, auto showrooms, parking garages, light manufacturing, warehouses, S1 repair garages not classified as extra hazard, school shop areas, etc.
- One (1) minimum 2A:10BC rated extinguisher is required for each 3,000 square feet of floor area and must be located such that the travel distance does not exceed 30 feet.
- 3.3 **Extra Hazard** – Includes woodworking, repair garages classified to perform full-service repair including draining of fuel tanks, warehouses with high piled storage/bulk, combustible storage, and processes such as flammable liquid handling, spray booths, hood systems, dip tanks, etc.
- One (1) minimum 4A:40BC rated extinguisher is required for each 3,000 square feet of floor area and must be located so that the travel distance does not exceed 30 feet.
- 3.4 **Fuel Dispensing Stations**
- One (1) minimum 2A:20BC rated extinguisher is required and must be located such that the travel distance does not exceed 75 feet from any dispenser, pump or fill-pipe opening.
- 3.5 **Commercial Cooking Operations**
- One (1) fire extinguisher listed and labeled for Class K fires with minimum rating 1-K, 6 liter shall be installed within 30 feet of commercial food heat-processing equipment.
- 3.6 **Welding and Hot Work**
- One (1) minimum 2A:20BC rated extinguisher is required and must be readily accessible within 30 feet of the location where hot work is being performed. (Hot work permit is required.)