

**SECTION 10 44 13**  
**FIRE EXTINGUISHER CABINETS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

This section covers recessed fire extinguisher cabinets.

**1.2 RELATED WORK**

A. Tempered glazing: Section 08 80 00, GLAZING.

**1.3 SUBMITTALS**

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Manufacturer's Literature and Data: Fire extinguisher cabinet including installation instruction and rough opening required.

**1.4 APPLICATION PUBLICATIONS**

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.

**PART 2 - PRODUCTS**

**2.1 FIRE EXTINGUISHER CABINET**

Recessed type cabinet including flat trim and door glazing, Basis-of-Design is JL Industries Model No. 2035W17.

**2.2 FABRICATION**

- A. Form body of cabinet from No. 4 stainless steel.
- B. Fabricate door and trim from No. 4 stainless steel with all face joints fully welded and ground smooth.
  - 1. Glaze doors with 6 mm (1/4 inch) thick clear tempered glass.
  - 2. Design doors to open 180 degrees.
  - 3. Provide continuous hinge, zinc-plated pull handle, and adjustable roller catch.

**2.3 FINISH**

- A. Finish interior of cabinet body with white powder-coat finish.
- B. Finish door, frame No. 4 stainless steel.

**2.4 ACCESSORIES**

- A. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to fire-protection cabinet, of sizes required for types and capacities of fire extinguishers indicated, with plated or powder-coated finish.

B. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing and location. Identify fire extinguisher in fire-protection cabinet with the words, "FIRE EXTINGUISHER".

1. Location: Applied to cabinet door.
2. Application Process: Silk-screened.
3. Lettering Color: Red.
4. Orientation: Vertical.

## **2.5 FIRE DEPARTMENT VALVE CABINET**

Recessed type cabinet including flat trim and door glazing, Basis-of-Design is Samson Products Incorporated, Model No. VE-1-8035W17.

## **2.6 FABRICATION**

- A. Form body of cabinet from cold rolled steel.
- B. Fabricate door and trim from No. 4 stainless steel with all face joints fully welded and ground smooth.
  1. Glaze doors with 6 mm (1/4 inch) thick clear tempered glass.
  2. Design doors to open 180 degrees.
  3. Provide continuous hinge, zinc-plated pull handle, and adjustable roller catch.

## **2.7 FINISH**

- A. Finish interior of cabinet body with white powder-coat finish.
- B. Finish door, frame No. 4 stainless steel.

## **2.8 ACCESSORIES**

- A. Shelf: Manufacturer's standard steel shelf to house fire extinguisher.
- B. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing and location. Identify fire department valve cabinet and fire extinguisher in fire department valve cabinet with the words, "FIRE DEPT. VALVE" AND "FIRE EXTINGUISHER".
  1. Location: Applied to cabinet door.
  2. Application Process: Silk-screened.
  3. Lettering Color: Black.
  4. Orientation: Vertical.

## **2.9 PORTABLE FIRE EXTINGUISHERS**

- A. General: Provide fire extinguishers of type, size, and capacity for each fire-protection cabinet and fire department valve cabinet indicated.
  1. Valves: Manufacturer's standard.
  2. Handles and Levers: Manufacturer's standard.
  3. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B and bar coding for documenting fire extinguisher location, inspections, maintenance, and recharging.

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- B. Multipurpose Dry-Chemical Type in Steel Container: UL-rated minimum 4-A:60-B:C, 10-lb (4.5-kg) nominal capacity, with monoammonium phosphate-based dry chemical in enameled-steel container.

**PART 3 - EXECUTION**

- A. Install fire extinguisher cabinets and fire department valve cabinets in prepared openings and secure in accordance with manufacturer's instructions.
- B. Install cabinet so that bottom of cabinet is 975 mm (39 inches) above finished floor.

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