

SECTION 10 44 13
FIRE EXTINGUISHER CABINETS, EXTINGUISHERS AND ACCESSORIES

PART 1 - GENERAL

1.1 DESCRIPTION

This section covers semi-recessed fire extinguisher cabinets, fire extinguishers and accessories.

1.2 RELATED WORK

- A. Wall Backing Supports: Section 06 10 00, ROUGH CARPENTRY.
- B. Rough-in Wall Openings: Section 09 29 00, GYPSUM BOARD.

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, extinguishers and accessories.

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.
- B. American Society of Testing and Materials (ASTM):
D4802-02.....Poly (Methyl Methacrylate) Acrylic Plastic Sheet
- C. NFPA 10 - Standard for Portable Fire Extinguishers; 2010.

PART 2 - PRODUCTS

2.1 FIRE EXTINGUISHER CABINET

Semi-Recessed type with rounded trim of size and design for installations in 4" deep wall construction.

2.2 FABRICATION

- A. Form body of cabinet from 0.9 mm (0.0359 inch) thick sheet steel.
- B. Fabricate door and trim from 1.2 mm (0.0478 inch) thick sheet clear aluminum with all face joints fully welded and ground smooth.
 - 1. Glaze doors with 6 mm (1/4 inch) thick ASTM D4802, clear acrylic sheet, Category B-1, Finish 1; Duo-vertical type door glazing.
 - 2. Design doors to open 180 degrees.
 - 3. Provide continuous hinge, pull handle, and adjustable roller catch.

2.3 FINISH

- A. Finish interior of cabinet body with baked-on semigloss white enamel.
- B. Finish door and frame: Clear Aluminum.

2.4 FIRE EXTINGUISHERS

- A. Fire Extinguishers - General: Comply with product requirements of NFPA 10 and applicable codes, whichever is more stringent.
 - 1. Provide extinguishers labeled by UL for the purpose specified and indicated.
- B. Dry Chemical Type Fire Extinguishers: Cast steel tank, with pressure gauge.
 - 1. Class: A-B-C.
 - 2. Size: 10 pound.
 - 3. Finish: Baked enamel, red color.

2.5 ACCESSORIES

- A. Extinguisher Brackets: Formed steel, chrome-plated.
- B. Inspection/Certification Tags: Acceptable to the authority having jurisdiction.
 - 1. Expiration Date: Not less than 12 months after date of Substantial Completion.
 - 2. Provide (1) for each fire extinguisher.

PART 3 - EXECUTION

- A. Install fire extinguisher cabinets and extinguisher in prepared openings at locations indicated on Drawings and secure in place according to manufacturer's instructions.
- B. Install cabinet so that bottom of cabinet is 975 mm (39 inches) above finished floor.
- C. Place extinguishers in cabinets on wall brackets.
- D. Attach inspection/certification tags to extinguishers.

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