

SECTION 104413 - FIRE PROTECTION CABINETS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes fire-protection cabinets for portable fire extinguishers.
- B. Fire extinguishers shall be of the types and sizes required by NFPA 10 and the local authority having jurisdiction. The fire extinguishers must be UL listed with a UL listing mark for type, rating and classification of each extinguisher.**

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For fire-protection cabinets.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.4 COORDINATION

- A. Coordinate size of fire-protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.
- B. Coordinate sizes and locations of fire-protection cabinets with wall depths.

1.5 SEQUENCING

- A. Apply vinyl pictorial label on fire-protection cabinets after painting is complete.

1.6 WARRANTY

- A. Extinguishers shall have manufacturer's standard form warranty in which manufacturer agrees to repair or replace fire extinguishers that fail in materials and workmanship within a specified warranty period of six years. Failures include, but are not limited to, the following: failure of hydrostatic tests according to NFPA 10 and faulty operation of valves or release levers.**

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Fire-Rated Fire-Protection Cabinets: Listed and labeled to comply with requirements in ASTM E 814 for fire-resistance rating of walls where they are installed. **Cabinets and placement of cabinets shall conform to requirements of the Americans with Disabilities Act as to maximum projection into corridors and height from finished floor.**

### 2.2 FIRE-PROTECTION CABINET

- A. Cabinet Type: Suitable for fire extinguisher.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
    - a. **JL Industries, Inc.; a division of the Activar Construction Products Group.**
    - b. Approved equal prior to bid.
- B. Cabinet with Stainless Steel Trim and Door: **Cosmopolitan Series, Model**
1. Cabinet Style: **Semi-Recessed or Surface Mounted as indicated on life safety plans G200. Steel Powder-coated finish, color to match adjacent wall. Solid door with pull. Refer to drawing G200 for specific instructions. Basis of Design: JL Industries Ambassador Series 1016S21.**
  2. Components:
    - a. Tub: Cold-rolled steel.
      - 1) Finish: Factory-applied **powder coat paint finish**. Field painting is NOT acceptable.
        - a) Standard Color: **Match adjacent wall**
    - b. Door and Trim Construction: **Powder coated steel**; flush doors with **5/8"** door stop attached by continuous hinge and equipped with zinc-plated handle with roller catch.
      - 1) Finish: Factory-applied powder coat paint finish.
        - a) Standard Color: **Match adjacent wall**
        - b) **Apply a silver metallic fire extinguisher pictorial label to the outside of door in location and size as indicated on drawing 2/G200.**
    - c. Trim Style and Depth:
      - 1) Recessed Cabinet: **5/8"** flat trim.

### 2.3 FABRICATION

- A. Fire-Protection Cabinets: Provide manufacturer's standard box (tub) with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Prepare recesses for semi-recessed fire-protection cabinets as required by type and size of cabinet and trim style.
- B. Install fire-protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
- C. Fire-Protection Cabinets: Fasten cabinets to structure, square and plumb.
- D. Identification: Apply vinyl lettering at locations indicated.
- E. Adjust fire-protection cabinet doors to operate easily without binding. Verify that integral locking devices operate properly.

END OF SECTION 104413