

SECTION 10520

FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES

PART 1 - GENERAL

- 1.1 SECTION INCLUDES
 - A. Fire Extinguishers.
 - B. Cabinets.
 - C. Accessories.
- 1.2 REFERENCES
 - A. ANSI/NFPA 10 - portable Fire Extinguishers.
 - B. ANSI/UL 711 - Rating and Fire Testing of Fire Extinguishers.
 - C. UL 299 - Dry Chemical Fire Extinguishers.
- 1.3 SUBMITTALS
 - A. Submit under provisions of General Conditions.
 - B. Shop Drawings: Indicate cabinet physical dimensions, rough-in measurements for recessed cabinets and location.
 - C. Product Data: Provide extinguisher operational features, color and finish, and anchorage details.
 - D. Manufacturer's Installation Instructions: Indicate special criteria and wall opening coordination requirements.
 - E. Manufacturer's Certificate: Certify that Products meet or exceed specified requirements.
- 1.4 OPERATION AND MAINTENANCE DATA
 - A. Submit under provisions of General Conditions.
 - B. Maintenance Data: Include test, refill or recharge schedules and re-certification requirements.
- 1.5 QUALITY ASSURANCE
 - A. Provide units conforming with ANSI/UL 711 ANSI/UL 92.
 - B. Maintain one copy of each document on site.

1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable code ANSI/NFPA 10 for requirements for extinguishers and blankets.

1.7 ENVIRONMENTAL REQUIREMENTS

- A. Do not install extinguishers when ambient temperature may cause freezing of extinguisher ingredients.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Larsen's Manufacturing Company, Ft. Lauderdale, FL.
- B. Potter-Roemer, Cerritos, CA.
- C. J.L. Industries, Bloomington, MN.
- D. Substitutions: Under provisions of General Conditions.

2.2 EXTINGUISHER

- A. Dry Chemical Type: UI 299 cast steel tank with pressure gage Class ABC 10 lb.

2.3 CABINETS (Potter-Roemer ALTA Series)

- A. Box: Mild steel with electrostatically applied white polyester - powder coated thermally fused at 400 degrees.
- B. Wall Mounting;; Semi-recessed type, sized to accommodate accessories.
- C. Door and Frame: 7040 Series Solid Flush Panel, horizontal black lettering.
- D. Cabinet mounting Hardware: Appropriate to cabinet.

2.4 FABRICATION

- A. Form cabinet enclosure with right angle inside corners and seams. Form perimeter trim and door stiles.
- B. Pre-drill for anchors.
- C. Hinge doors for 180 degree opening with continuous piano hinge. Provide nylon roller type catch.
- D. Weld, fill and grind components smooth.
- E. Glaze doors with resilient channel gasket glazing.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify rough openings for cabinets are correctly sized and located.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions as shown on drawings.
- B. Install cabinets plumb and level in wall openings, 48 inches from finished floor to cabinet latch handle.
- C. Secure rigidly in place.
- D. Place extinguishers in cabinets.

END OF SECTION

