

DIVISION 10 SPECIALTIES

Section 10 44 13 – Fire Extinguishers & Cabinets

PART 1: GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specifications, apply to this Section.
- B. The designer and contractor's attention is specifically directed, but not limited, to the following documents for additional requirements:
 - Uniform General Conditions for Construction Contracts, State of Texas, 2010 (UGC).
 - Reference Publications: NFPA 10, NFPA 10R, NFPA Fire Protection Handbook, and State of Texas Fire Marshal requirements.
- C. Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

1.02 ACTION SUBMITTALS

- A. Product Data: For each type of product specified. Include construction details, materials descriptions, and dimensions of individual profiles, components and finishes for the fire protection cabinet.
 - Fire protection Cabinets: Subject to compliance with requirement, provide recessed, brushed stainless steel, rolling catch, and clear acrylic glazing. Size cabinet to accommodate a minimum 5 lbs. capacity fire extinguisher.
- B. Shop drawings: For fire protection cabinets. Include plans, elevations, sections, details, and attachments to other work.
- C. Sample for verification: For each type of exposed finish required, prepare a Sample 6" x 6" square.

1.03 QUALITY ASSURANCE

- A. Fire Rated, Fire Protection Cabinet: Listed and labeled to comply with requirements in ASTM E814 for fire-resistance rating of walls where they are installed.

PART 2: PRODUCTS

2.01 RECESSED CABINETS

- A. Basis of Design: J.L. Industries Cosmopolitan Fire-FX, C1037F10 SS3" RT FULL ACR (inside dimensions: 10 1/2" W x 24" H x 6" D), flat stainless steel #4 trim, clear acrylic glazing, rolling

catch, fire extinguisher cabinet with flanged tub constructed of cold-rolled steel, or comparable products by one of the following:

- Architectural Series, fire extinguisher cabinet by Larsen's Manufacturing Company.
- Modern Metal Products, Division of Technico Inc.

B. Letters: Die cut letters in white.

2.02 FIRE EXTINGUISHERS:

A. Basis of Design: J.L. Industries "COSMIC 5E, UL3-A-40BC, 5 pounds capacity, multipurpose dry chemical type consisting of heavy-duty steel cylinder, rugged metal valve and siphon tube, replaceable molded valve stem seal, pull pin and upright squeeze-grip operation, finish to be a factory-applied red epoxy, corrosion and impact resistant. Or comparable product by one of the following:

- Larsen Manufacturing Company
- Potter Roemer LLC
- Amerex Corporation
- Ansul Incorporated: Tyco International Ltd
- Badger Fire Protection; a Kidde company

B. Accessories: Mounting Brackets: Manufacturers standard steel, designed to secure fire extinguisher to fire protection cabinet, of sizes required for types and capacities of fire extinguishers indicated.

2.03 CARBON DIOXIDE TYPE EXTINGUISHER:

A. Basis of Design: Sentinel 5 by J.L. Industries or approved equal. UL-rated 5-BC, 5 pound nominal capacity, with carbon dioxide in manufacturers' standard enameled-metal container.

B. Locations: Electrical, Data Rooms and Major Mechanical Rooms. Our intent is to avoid installing an extinguisher when there is simply a couple of a breaker boxes or a single switch gear mounted on a rack for IT, etc.

PART 3: EXECUTION (NOT USED)

END OF SECTION 10 44 13