

SECTION 10 40 00

SAFETY SPECIALTIES

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Fire extinguishers.
- B. Fire extinguisher cabinets.

1.02 RELATED SECTIONS

- A. Section 01 33 00 - Submittal Procedures
- B. Section 01 33 23 – Shop Drawings, Product Data, and Samples
- C. Section 05 70 00 - Decorative Metal
- C. Section 21 12 00 – Fire-Suppression Standpipe

1.03 MEASUREMENT AND PAYMENT

- A. General: Separate measurement or payment will not be made for the work required under this Section. All costs in connection with the Work specified herein will be considered to be included or incidental to the Work of this Contract.

1.04 REFERENCES

- A. California Code of Regulations (CCR):
 - 1. Title 24, California Fire Code, Portable Fire Extinguishers
- B. National Fire Protection Association (NFPA):
 - 1. NFPA 10 Portable Fire Extinguishers

1.05 SUBMITTALS

- A. General: Refer to Section 01 33 00 - Submittal Procedures, and Section 01 33 23 - Shop Drawings, Product Data and Samples, for submittal requirements and procedures.
- B. Shop Drawings and Product Data: Submit Shop Drawings of installation details and manufacturer's product data for fire extinguishers, extinguisher cabinets, and installation accessories.

PART 2 - PRODUCTS

2.01 FIRE EXTINGUISHERS

- A. Multi-Purpose Dry Chemical Extinguishers: Provide nominal 5-pound or 20-pound capacity

extinguishers as indicated, rated as follows, unless otherwise noted:

1. 5 Pounds: UL Rating of 3A-10B:C. For station agent's booth.
 2. 20 Pounds: UL Rating of 20A-120B:C. All other locations, except where carbon dioxide extinguishers are required.
- B. Carbon Dioxide Extinguishers: Provide nominal 20-pound capacity extinguishers as indicated, rated as follows:
1. 20 Pounds: UL Rating of 10-B:C. One for each electrical room and train control and communications room.
- C. Mounting Brackets: When extinguishers are indicated to be wall mounted without cabinets, provide manufacturer's mounting brackets for sturdy, top and bottom support, properly sized for type and size of extinguisher, and to resist lateral forces from a design seismic event.

2.02 FIRE EXTINGUISHER CABINETS

- A. Cabinets: Extinguisher cabinets shall be fully recessed type with flat trim or semi-recessed type with rolled edge as indicated, comply with Section 05 70 00 – Decorative Metal. Cabinets at parking structures may be surface mounted with rolled edges and radiused corners. Cabinets shall be of size required for size of extinguisher, fabricated from Type 316 stainless steel with ASTM A480 or NAAMM APM 503, No. 4 finish, with solid stainless steel door. Provide fire-rated cabinets where recessed in fire-rated walls.
1. Door shall be lockable. Furnished with flush type stainless steel door pull, with spring loaded catch activated by a pull device. Latch shall be replaceable and vandal resistant.
 2. Joints in cabinets shall be made watertight, and doors shall be gasketed to minimize moisture intrusion. Provide weep holes in bottom of cabinet.
- B. Cabinet Identification
1. Cabinets shall be labeled with the words "FIRE EXTINGUISHER" in one inch high letters, Univers 65.
 2. Letters shall be black in color for stations and red in color for parking structure, as selected by the Engineer. The letters shall be provided for all cabinets; standard applied die cut letters, capital letters.

PART 3 - EXECUTION

3.01 INSPECTION

- A. Verify that space in fire hose cabinets is sufficient to receive indicated fire extinguishers.

3.02 INSTALLATION

- A. Install fire extinguishers and extinguisher cabinets plumb and level as indicated. Install securely in place in accordance with the manufacturer's installation instructions and in compliance with applicable requirements of the California Fire Code and NFPA 10.

END OF SECTION 10 40 00