

SECTION 10 40 00
SAFETY SPECIALTIES

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Furnish and install the following:
 - 1. Fire extinguishers: Provide extinguishers at all fire extinguisher brackets and wall mount locations called out on Drawings.
 - 2. Fire extinguisher cabinets.

1.2 RELATED SECTIONS

- A. Section 06 10 00 - ROUGH CARPENTRY: Wood blocking.
- B. Section 09 22 16 - NON-STRUCTURAL METAL FRAMING: Metal framed wall openings at gypsum board partitions.
- C. Section 09 29 00 - GYPSUM BOARD: Wall openings in gypsum board partitions.
- D. Section 09 91 00 - PAINTING: Field finishing.

1.3 REFERENCES

- A. Comply with applicable requirements of the following standards and those others referenced in this Section, under the provisions of Section 01 42 00 - REFERENCES. Where these standards conflict with other specified requirements, the most restrictive requirements shall govern.
 - 1. NFPA 10 – Standard for Portable Fire Extinguishers, 2010 Edition.

1.4 SUBMITTALS

- A. Submit the following under provisions of Section 01 33 00 - SUBMITTAL PROCEDURES:
 - 1. Literature: Manufacturer's product data sheets, indicating: fabrication specifications, finishes, and dimensions of cabinet and rough opening, and installation instructions.
 - 2. Shop drawings: Details showing unit dimensions, methods of construction, attachment clips and brackets; and complete installation details.

1.5 REGULATORY REQUIREMENTS

- A. Obtain certificate of compliance from authority having jurisdiction indicating approval of fire extinguisher cabinets and their installed locations.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Do not deliver cabinets or extinguishers to the site, until all specified submittals have been submitted to, and approved by, the Architect.
- B. Store cabinets and extinguishers inside, under cover, and in manner to keep them dry, protected from weather, direct sunlight, surface contamination, corrosion and damage

from construction traffic and other causes.

PART 2 - PRODUCTS

2.1 FIRE EXTINGUISHERS AND CABINETS

- A. Manufacturers: Subject to compliance with the requirements specified herein, manufacturers offering products which may be incorporated in the work include the following, or equal:
 - 1. J.L. Industries, Bloomington, MN.
 - 2. Larsen Manufacturing Co., Minneapolis, MN.
 - 3. Potter-Roemer, Union, NJ.
- B. Wall mounting bracket: 16 gage steel surface mounted bracket, with red glossy polyester thermo-set coating, equal to the following. Provide with red letter decals spelling "FIRE EXTINGUISHER" applied to wall surface, letter size, style as required by code, location as selected by Architect.
 - 1. JL Industries, model number "MB-810".
 - 2. Larsen model number 864.
 - 3. Potter-Roemer, model number 3903.
- C. Extinguishers:
 - 1. Type 1 - Non-toxic Multi-purpose dry chemical type (mono ammonium phosphate), 10 pound capacity, multi-purpose rated '4A, 80B:C'; Heavy Duty DOT Steel Cylinder Extinguisher with metal valves and siphon tubes, replaceable molded valve stem seals, corrosion and impact resistant polyester/epoxy paint finish, pull pin- upright squeeze grip operation, and pressure gauges.
 - 2. Type 2: Halotron-1 agent, EPA approved clean agent, 11 pound capacity, multi-purpose rated 2A minimum, capacity to comply with NFPA10, 10 B:C'; with metal valves and siphon tubes, replaceable molded valve stem seals, pressure gauges and hose discharge.
 - 3. Type 3: FE-36, Clean-Agent, EPA accepted (SNAP), with zero Ozone Depletion Potential (ODP). 13.25 pound capacity, multi-purpose rated 2-A: 10-B:C to comply with NFPA10, with metal valves and siphon tubes, replaceable molded valve stem seals, pressure gauges and hose discharge.
- D. Fire extinguisher cabinets:
 - 1. Cabinet trim style: Square trim, semi-recessed cabinet.
 - a. Protruding from wall: 1-1/2 inches.
 - 2. Door and trim: Cold-rolled steel with factory applied white thermally fused polyester coating, acceptable to receive a field applied recoating.
 - a. Horizontal duo design with tempered glazing.
 - b. Handles: Red door handles having raised letters "FIRE".
 - 3. Cabinet construction: 18 gage cold-rolled steel with factory applied white baked acrylic enamel finish.
 - a. Cabinet for 5 pound capacity extinguishers:
 - 1) JL Industries "Ambassador Series", model number 1816.
 - 2) Larsen "Architectural Series", model number 2409-5R
 - 3) Potter-Roemer, "Alta Series", model number 7012
 - b. Cabinet for 10 pound capacity extinguishers:
 - 1) JL Industries "Ambassador Series", model number 2016.

- 2) Larsen “Architectural Series”, model number 2712-RK
- 3) Potter-Roemer, “Alta Series”, model number 7025

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Inspect all surfaces and verify that they are in proper condition to receive the work of this Section.
- B. Verify that prepared openings are ready to receive extinguisher cabinets.
- C. Beginning of installation means acceptance of project conditions.

3.2 INSTALLATION

- A. Install fire extinguisher brackets and cabinets in accordance with manufacturer's instructions in locations indicated.
- B. Do not commence installation of fire extinguisher brackets and cabinets until immediately adjacent surfaces have been completely installed and finished.

3.3 CLEANING AND ADJUSTMENT

- A. Upon completion of the work of this Section in any given area, remove tools, and all packaging and debris from the work area; leave area in broom-clean condition.

END OF SECTION