

SECTION 10 44 00

FIRE PROTECTION SPECIALTIES

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Fire extinguishers.
 - 2. Fire extinguisher cabinets.
- B. Related Sections
 - 1. Section 09 22 00 - Supports for Plaster and Gypsum Board: Roughed-in wall openings.

1.02 REFERENCE STANDARDS

- A. [National Fire Protection Association:]
 - 1. NFPA 10 - Standard for Portable Fire Extinguishers.
- B. [California Code of Regulations:]
 - 1. CCR Title 19 - Public Safety.

1.03 PERFORMANCE REQUIREMENTS

- A. Conform to CCR Title 19.
- B. Provide extinguishers classified and labeled by Underwriters Laboratories Inc. for the purpose specified and indicated.
- C. Provide fire extinguisher cabinets classified and labeled by Underwriters Laboratories Inc. for purpose specified and indicated

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate details with other work supporting, adjoining, or otherwise contacting items as required to insure proper installation.
- B. [Preinstallation Meeting:]
- C. [Sequencing:]
- D. Scheduling: Schedule installation of items to occur after application of exposed finishes wherever installation will not damage exposed finish surfaces and completion of finishes will not impede installation.

1.05 [SUSTAINABLE CHARACTERISTICS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design compliance.
- B. Materials and Resources Characteristics:
 - 1. [Recycled Content Materials: Furnish materials with maximum available recycled content including:

SPEC NOTE *List materials specified in this section required to have recycled content.*

- a. [_____.]
2. [Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles of Project site.]

SPEC NOTE *List materials specified in this section required to be regional materials.*

- a. [_____.]

1.06 SUBMITTALS

- A. See Section 01 33 00 - Submittal Procedures, for submittal procedures.
- B. Shop Drawings: Indicate cabinet physical dimensions and rough-in measurements for recessed cabinets.
- 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.
- F. Maintenance Data: Include test, refill or recharge schedules and re-certification requirements.

1.07 [SUSTAINABLE DESIGN SUBMITTALS]

- A. Section 01 35 63 - Sustainability Project Requirements: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.
 1. Materials Resources Certificates:
 - a. Certify source and origin for [salvaged] [and] [reused] products.
 - b. Certify recycled material content for recycled content products.
 - c. Certify source for regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
 1. Provide cost data for the following products:
 - a. [Salvage products.]
 - b. [Reused products.]
 - c. Products with recycled material content.
 - d. Regional products.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged products in original containers with seals unbroken and labels intact until time of use.
- B. Store delivered products in clean, safe, dry area.

1.09 SITE CONDITIONS

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

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fire Extinguishers, Cabinets and Accessories:
 - 1. JL Industries, Inc.
 - 2. Larsen's Manufacturing Co.
 - 3. or equal.

2.02 FIRE EXTINGUISHERS

- A. Type ABC Fire Extinguisher:
 - 1. Description: Multi-purpose extinguishers for Class A, B, and C fires with a minimum UL rating of 4A-60BC complete with wall bracket for cabinet or wall mounting where noted.
 - 2. Product: Larsen's Mfg. Co.'s "Model MP10"; J.L. Industries "Cosmic 10E"; or equal.
- B. Type K Fire Extinguisher:
 - 1. Description: Wet chemical extinguisher for Class K fires with a minimum UL rating of 2A-K.
 - 2. Product: Larsen's Mfg. Co.'s "Model WC-6L"; J.L. Industries "Saturn 15"; or equal.

2.03 FIRE EXTINGUISHER CABINETS

- A. Type 1, Recessed, Non Rated Cabinet:
 - 1. Description:
 - a. Recessed with flush type door for 6 inch wall depth, cold-rolled steel box.
 - b. Trim: Flat, 5/16 inch wide face.
 - c. Door: 0.036 inch thick, reinforced for flatness and rigidity; latch. Hinge doors for 180 degree opening with continuous piano hinge. Provide nylon catch.
 - d. Door Glazing: Plastic, clear, 1/8 inch thick acrylic. Set in resilient channel gasket glazing.
 - e. Cabinet Mounting Hardware: Appropriate to cabinet. Pre-drill for anchors
 - f. Lettering: Thermal die cut lettering, "FIRE EXTINGUISHER".
 - g. Finish Cabinet Exterior Trim and Door: White baked enamel finish.
 - h. Finish of Cabinet Interior: White enamel.
 - 2. Product: Larsen's Mfg. Co.'s "Gemini Series, Model G2409-R2, Type A Black Lettering"; J.L. Industries "Panorama Series, Model 1015, Black Die Cut Letters"; or equal.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine construction to support, adjoin, or otherwise contact and verify that:
 - 1. Dimensions are correct.
 - 2. Rough openings for cabinet are correctly sized and located
 - 3. Adequate support will be available at time of installation.
 - 4. Load-bearing studs are available where required by weight of items.
 - 5. Setting conditions are dry, clean, and otherwise proper for installation.
- B. Do not install items until unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- A. Install fire extinguishers and cabinets at locations noted on Drawings in accordance with manufacturer's recommendations and reviewed Shop Drawings..

- B. Install fire extinguishers cabinets plumb and level.
- C. Secure fire extinguishers cabinets rigidly in place.
- D. Install fully-charged fire extinguishers just prior to final acceptance.

END OF SECTION