

SECTION 10523  
FIRE EXTINGUISHERS AND CABINETS

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes fire extinguishers; fire extinguisher cabinets; and brackets for wall mounting.
- B. Related Sections:
  - 1. Section 06100 – Rough Carpentry: Wood blocking and shims.

1.2 REFERENCES

- A. National Fire Protection Association:
  - 1. NFPA 10 - Standard for Portable Fire Extinguishers.
- B. Underwriters Laboratories Inc.:
  - 1. UL - Fire Protection Equipment Directory.

1.3 PERFORMANCE REQUIREMENTS

- A. Conform to NFPA 10.
- B. Provide extinguishers classified and labeled by Underwriters Laboratories Inc.
- C. Provide fire extinguisher cabinets classified and labeled by Underwriters Laboratories Inc.

1.4 SUBMITTALS

- A. Section 01330 - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Indicate cabinet physical dimensions, rough-in measurements for recessed cabinets, wall bracket mounted measurements, location, and fire ratings.
- C. Product Data: Submit extinguisher operational features, color and finish, and anchorage details.
- D. Manufacturer's Installation Instructions: Submit special criteria and wall opening coordination requirements.

1.5 CLOSEOUT SUBMITTALS

- A. Section 01700 - Execution Requirements: Closeout procedures.

- B. Operation and Maintenance Data: Submit test, refill or recharge schedules and re-certification requirements.

## 1.6 ENVIRONMENTAL REQUIREMENTS

- A. Section 01600 - Product Requirements: Environmental conditions affecting products on site.
- B. Do not install extinguishers when ambient temperature are capable of freezing extinguisher ingredients.

## PART 2 PRODUCTS

### 2.1 FIRE EXTINGUISHERS

- A. Manufacturers:
  - 1. Potter Roemer.
  - 2. JL Industries.
  - 3. Larsen's Manufacturing Co.
  - 4. Substitutions: Section 01600 - Product Requirements.
- B. Dry Chemical Type: Model 3310, Multipurpose, with pressure gage; 10 pound capacity; UL rating 4A-80BC.

### 2.2 FIRE EXTINGUISHER CABINETS

- A. Manufacturers:
  - 1. Potter Roemer.
  - 2. JL Industries.
  - 3. Larsen's Manufacturing Co.
- B. Substitutions: Section 01600 - Product Requirements.
- C. Metal: Formed stainless sheet steel, #304.
- D. Configuration: Semi-recessed, Model No.7062-A, sized to accommodate accessories.
- E. Trim Type: Returned to wall surface, with 2 1/2 inch projection.
- F. Door: 0.016 inch thick, reinforced for flatness and rigidity; lock with break glass access.
- G. Door Glazing: Glass, clear, 1/8 inch thick tempered safety glass.
- H. Cabinet Mounting Hardware: Appropriate to cabinet.

- I. Form cabinet enclosure with right angle inside corners and seams. Form perimeter trim and door stiles.
- J. Pre-drill for anchors.
- K. Hinge doors for 180 degree opening with continuous piano hinge. Furnish roller type catch.
- L. Weld, fill, and grind components smooth.
- M. Glaze doors with resilient channel gasket glazing.
- N. Finishing Cabinet Exterior Trim and Door: Stainless Steel, 304 with #4 finish.

### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Section 01300 - Administrative Requirements: Coordination and project conditions.
- B. Verify rough openings for cabinet are correctly sized and located.

#### 3.2 INSTALLATION

- A. Install cabinets plumb and level in wall openings.
- B. Secure rigidly in place.
- C. Place extinguishers in cabinets and on wall brackets.
- D. Position cabinet signage as required by authorities having jurisdiction.

#### 3.3 SCHEDULES

- A. In locations indicated on Drawings as "FEC", provide fire extinguisher and cabinet.

END OF SECTION

