

SECTION 104416 - FIRE EXTINGUISHERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes portable, fire extinguishers mounted in cabinets.
- B. Related Requirements:
 - 1. Section 104413 "Fire Protection Cabinets."

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at **Project site**.
 - 1. Review methods and procedures related to fire extinguishers including, but not limited to, the following:
 - a. Schedules and coordination requirements.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include rating and classification, material descriptions, dimensions of individual components and profiles, and finishes for fire extinguisher.
- B. Product Schedule: For fire extinguishers. Coordinate final fire-extinguisher schedule with fire-protection cabinet schedule to ensure proper fit and function.

1.5 INFORMATIONAL SUBMITTALS

- A. Warranty: Sample of special warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For fire extinguishers to include in maintenance manuals.

1.7 COORDINATION

- A. Coordinate type and capacity of fire extinguishers with fire-protection cabinets to ensure fit and function.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace fire extinguishers that fail in materials or workmanship within specified warranty period.
1. Failures include, but are not limited to, the following:
 - a. Failure of hydrostatic test according to NFPA 10.
 - b. Faulty operation of valves or release levers.
 2. Warranty Period: **Six** years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."
- B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
1. Provide fire extinguishers approved, listed, and labeled by FM Global.

2.2 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS

- A. Fire Extinguishers: Type, size, and capacity for each **fire-protection cabinet** indicated.
1. Manufacturers: Subject to compliance with requirements, **provide products by one of the following**:
 - a. [Amerex Corporation.](#)
 - b. [Ansul Incorporated.](#)
 - c. [Badger Fire Protection.](#)
 - d. [Buckeye Fire Equipment Company.](#)
 - e. [Fire End & Croker Corporation.](#)
 - f. [Guardian Fire Equipment, Inc.](#)
 - g. [JL Industries, Inc.; a division of the Activar Construction Products Group.](#)
 - h. [Kidde Residential and Commercial Division](#); Subsidiary of Kidde plc.
 - i. [Larsens Manufacturing Company.](#)
 - j. [Moon American.](#)
 - k. [Nystrom Building Products.](#)
 - l. [Pem All Fire Extinguisher Corp.](#)
 - m. [Potter Roemer LLC.](#)
 - n. [Pyro-Chem](#); Tyco Safety Products.
 - o. [Strike First Corporation of America.](#)
- B. Multipurpose Dry-Chemical Type in Steel Container: UL-rated **1-A:10-B:C**, nominal capacity, with monoammonium phosphate-based dry chemical in enameled-steel container.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine fire extinguishers for proper charging and tagging.
 - 1. Remove and replace damaged, defective, or undercharged fire extinguishers.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Install fire extinguisher in cabinet locations indicated and in compliance with requirements of authorities having jurisdiction.

END OF SECTION 104416