

PART 1 GENERAL**1.01 SECTION INCLUDES**

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

1.02 REFERENCE STANDARDS

- A. NFPA 10 - Standard for Portable Fire Extinguishers; 2013.

1.03 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate locations of cabinets and cabinet physical dimensions.
- C. Maintenance Data: Include test, refill or recharge schedules and re-certification requirements.

PART 2 PRODUCTS**2.01 FIRE EXTINGUISHERS**

- A. Fire Extinguishers - General: Comply with product requirements of NFPA 10 and applicable codes, whichever is more stringent.
- B. Water Mist-Type Fire Extinguishers (for MRI locations): Non-ferrous tank, pressurized, including hose and nozzle.
 - 1. Certification: MRI (Magnetic Resonance Imaging) Conditional 3-Tesla, certified by ANSI and UL.
- C. Multipurpose Dry Chemical Type Fire Extinguishers: Carbon steel tank, with pressure gauge.
 - 1. Class: A:B:C type.
 - 2. Finish: Baked polyester powder coat, red color.
 - 3. Temperature range: Minus 40 degrees F to ____ degrees F.

2.02 FIRE EXTINGUISHER CABINETS

- A. Cabinet Configuration: Recessed type.
 - 1. Size to accommodate accessories.
- B. Door: 0.036 inch metal thickness, reinforced for flatness and rigidity with nylon catch. Hinge doors for 180 degree opening with two butt hinge.
- C. Door Glazing: Float glass, clear, 1/8 inch thick, and set in resilient channel glazing gasket.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify existing conditions before starting work.
- B. Verify rough openings for cabinet are correctly sized and located.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install cabinets plumb and level in openings, mounted at the following heights:
 - 1. For cabinets scheduled to receive extinguishers of 40 pounds or less, mount cabinet with extinguisher no more than 60-inches above finished floor.
 - 2. For cabinets scheduled to receive extinguishers of more than 40 pounds, mount cabinet with extinguisher no more than 42 inches above finished floor.
- C. Place extinguishers in cabinets.

END OF SECTION