

PART 1 – GENERAL

1.1 SUMMARY

A. Scope: This Section includes the following:

1. Fire extinguishers.
2. Accessories.

1.2 CODES AND STANDARDS:

- A. NFPA 10: Standard for Portable Fire Extinguishers.
- B. Seattle Fire Code: 2015 International Fire Code (IFC) with Seattle Amendments.
- C. State and Federal accessibility guidelines.

1.3 QUALITY ASSURANCE

- A. All products shall be new unless specifically identified otherwise herein and on the Drawings.
- B. Single-Source Responsibility: Obtain fire extinguishers, cabinets and accessories from one source and a single manufacturer.
- C. UL Listed Products: Fire extinguishers shall be UL listed and bear the mark UL "Listing Mark" for type, rating, and classification of extinguisher.
- D. Seattle Fire Department Certification: Installer shall possess a Seattle Fire Department certification (Type FEX-2) to install fire extinguishers.

1.4 SUBMITTALS

- A. Prepare and submit the following in accordance with Drawings and Division 00 and 01 Sections.
- B. Product data, for products and accessories specified.
- C. For fire extinguisher cabinets include: rough-in dimensions, details showing mounting methods, relationship of box and trim to surrounding construction, cabinet type and materials, trim style, and door construction and hardware.
- D. For Substantial Completion, submit O&M Manual information required by Section 01 77 00.
- E. Include an extinguisher inventory list of all portable fire extinguishers.
- F. Identify the type, rating, and location of each fire extinguisher by specific room number and location within the room.
- G. For corridors and large rooms, provide a wall orientation or other reference (i.e., Room 423, SE corner; or Corridor 200k, by Room 211).

PART 2 – PRODUCTS

2.1 FIRE EXTINGUISHERS AND CABINETS

- A. General: Provide fire extinguishers throughout in quantity and type as required by the referenced standards and as indicated herein and on the Drawings. Provide fire extinguisher cabinets where indicated. Provide a fire extinguisher for all fire extinguisher cabinets.
- B. Manufacturers: Subject to compliance with requirements, provide products of the following, No Substitutions:
- C. Fire Extinguishers: Multi-purpose and water extinguishers shall be Amerex. NO SUBSTITUTIONS.
 - 1. Multi-Purpose (ABC) Amerex Models B402, B402T, B443 or B461
 - 2. As required, in addition to the Multi-purpose extinguisher provide an Amerex Model 240 water extinguisher
- D. Fire Extinguisher Cabinet:
 - 1. JL Industries
 - 2. Larsen's Manufacturing Company
 - 3. No substitutions
- E. Extinguisher Type: 3A:40B:C; 5 lb.

2.2 ACCESSORIES

- A. Brackets: Provide brackets for fire extinguishers designed to prevent accidental dislodge of extinguisher, of sizes required for type and capacity of extinguisher required.
- B. Wall-mounted signs: Provide wall-mounted metal signs at 80 inches above the finished floor (AFF) for fire extinguisher cabinets and, when indicated, at bracket mounted extinguishers (regardless of cabinet signage available from the manufacturer).
- C. Sign colors and lettering: Double faced, flanged, aluminum, 12 inches high x 4 inches wide, fire extinguisher symbol, arrow, and red with white letters, which reads "Fire Extinguisher", or approved equal.
- D. Service Tag: Provide each fire extinguisher with an identification tag indicating the installed month and year, the year hydraulic tested, the location of extinguisher, and the City certification number with space for inspector initials.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Verify all recesses in walls for fire extinguisher cabinets comply with manufacturer's instructions and backing is provided for fire extinguisher brackets.
- B. Install fire extinguishers at a standard mounting height of 48 inches AFF to the top of the extinguisher, unless otherwise shown on the Drawings.

- C. In no case shall the top of an extinguisher be higher than 60 inches AFF or the bottom of an extinguisher closer than 4 inches AFF per NFPA 10.
- D. Securely fasten mounting brackets, fire extinguisher cabinets, signs, and other accessories to the construction square, plumb, and in compliance with the manufacturer's instructions and as shown on the Drawings, or as directed herein.
- E. Fire extinguishers shall be furnished no earlier than sixty (60) days and no later than fourteen (14) days, prior to the scheduled date for Substantial Completion.

END OF SECTION