

FLORIDA STATE COLLEGE AT JACKSONVILLE

FIRE EXTINGUISHER AND CABINET STANDARDS

Edition 1.1

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Fire Extinguishers and Cabinets Standard

PART 1 - GENERAL

1.1 PURPOSE

- A. To provide portable fire extinguisher and fire extinguisher cabinet specifications

1.2 REFERENCE STANDARDS

- A. The latest edition of publications listed below as accepted by Florida Administrative Code 69A-3.

NATIONAL FIRE PROTECTION ASSOCIATION

- 1. NFPA 10 Standards for Portable Fire Extinguishers

1.3 STANDARDS

- A. Conform to NFPA 10 requirements for portable fire extinguishers.

PART 2 - PRODUCTS

2.1 PORTABLE FIRE EXTINGUISHERS

A. Acceptable Manufacturers

- 1. Amerex Corporation, Trussville, AL.; www.amerex-fire.com
- 2. Ansul Inc., Houston, TX.; www.ansul.com
- 3. Badger Fire Protection, Charlottesville, VA.; www.badgerfire.com

B. UL Rating and Type

- 1. Multipurpose Dry Chemical Type: Stored pressure, 10lb nominal capacity in an enameled steel cylinder, chrome plated brass valve assembly with a minimum UL rating of 4A:60BC or greater.
- 2. Regular Dry Chemical Type: Stored pressure, 10lb nominal capacity in an enameled steel cylinder, chrome plated brass valve assembly with a minimum UL rating of 60BC or greater.
- 3. PKP Dry Chemical Type: Stored pressure, 10lb nominal capacity in an enameled steel cylinder, chrome plated brass valve assembly with a minimum UL rating of 80BC or greater.

- C. All portable fire extinguishers shall be currently inspected and tagged by a contractor licensed by the Florida Division of the State Fire Marshal and shall have an expiration date of at least eleven months after the Date of Substantial Completion.
- D. Placement of all portable fire extinguishers shall be in accordance with the Florida adopted NFPA standards.

2.2 WALL MOUNTING BRACKETS

- A. Designed to prevent accidental dislodging.
- B. Provide bracket for portable fire extinguisher not mounted in cabinets.
- C. Provide bracket as listed by manufacturer of size required for type and capacity of portable fire extinguisher.

2.3 CABINETS

A. Acceptable Manufacturers

1. J.L. Industries, Bloomington MN; www.jlindustries.com
2. Larsen's Manufacturing Co., Ft. Lauderdale, FL;
www.larsensmfg.com
3. Potter Roemer, Los Angeles, CA.; www.potterroemer.com

B. Construction:

1. Manufacturer's standard box with trim, frame, door and hardware to suit cabinet type, trim type, door type as indicated and to accommodate size and capacity of portable fire extinguisher to be housed.
2. Cabinet Mounting: Semi-recessed
3. Trim Style: Fabricate trim in one piece with corners mitered, welded and ground smooth.
 - i. Exposed trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend)
 - ii. Rolled-edge trim with 2 ½ inch backbend depth.

4. Door Material and Construction:

- i. Door Style: Manufacturer's standard Duo panel design: ¼-inch thick, hollow stainless steel door construction with tubular stiles and rails.
- ii. Door Glazing: Fully tempered float glass complying with ASTM C-1048, Condition A, Type I, Quality q3 Kind FT, Class 1 (clear).
- iii. Door Hardware: Provide manufacturer's standard door-operating hardware of proper type for cabinet, either lever handle with cam-action latch or exposed or concealed door pull and friction latch. Provide concealed or continuous-type hinge permitting door to open 180 degrees.
- iv. Identify fire extinguisher in cabinet with "FIRE EXTINGUISHER" lettering applied to door.

C. Finishes:

1. Interior : White enamel
2. Door and Trim: 304 stainless steel with #4 satin finish

D. Fire rated Cabinets: UL listed and marked with fire-resistance rating of wall where it is to be installed.

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