	Title: YALE OFFICE OF FACILITIES PROCEDURE MANUAL Chapter: 10 – Specialties Division: 10 44 00 Fire Protection Specialties	Section: <b>10 44 13</b> Requirements for Fire Protection Cabinets
		Date: 04/01/2019
		Author: University Planning

**PART 1 - INTRODUCTION**

1.1 Purpose

- A. This section contains general design criteria for fire protection cabinets.

**PART 2 - GENERAL DESIGN REQUIREMENTS**

2.1 Manufacturer

- A. Subject to compliance with the design requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to J.L. Industries or an approved equivalent.

2.2 Location

- A. Place fire extinguisher cabinets in locations that are highly visible and readily accessible, in compliance with local building codes, and as directed by the Fire Marshall. Provide mounting brackets for extinguishers in non-public spaces, such as mechanical rooms, where cabinets are not needed. Fire extinguishers must carry the appropriate Underwriters Laboratory label.

**PART 3 - MINIMUM PRODUCT REQUIREMENTS**

3.1 Materials


- A. Provide pressurized, multi-purpose, dry chemical extinguishers, with a 10lb. capacity and a minimum U.L. rating of 4A-60BC. The cylinder must be heavy duty steel, with a red enamel finish.
- B. Provide carbon dioxide extinguishers, with a minimum U.L. rating of 10BC. The cylinder must be high-pressure aluminum, with a red enamel finish.
- C. Fire extinguisher cabinets must be enameled steel boxes, with trim, frames, doors and accessories. Recessed mounting is preferred unless existing conditions require surface mounting. Trim must be flat at recessed mounting locations. Door and trim materials must be:
  - Enameled steel, baked enamel finish Aluminum, anodized finish
  - Stainless steel, AISI No. 4 bright directional finish
  - Doors must be lockable, with full, glass break type panels.

3.2 Submittals

- A. The contractor must submit product literature and shop drawings that indicate mounting condition and location.

3.3 Installation

- A. The location and quantity of fire extinguisher cabinets must be in accordance with local building codes

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and as directed by the Fire Marshall. Cabinets and/or brackets must be plumb and level.

### 3.4 Product Standards

- A. Products must conform to applicable local building, fire, and accessibility codes.
- B. Provide fire extinguisher cabinets and accessories by a single manufacturer.

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