

BuildingName
The Description of the Project
P00000000 0000

ARCHITECTURE & ENGINEERING
326 East Hoover, Mail Stop B
Ann Arbor, MI 48109-1002
Phone: 734-764-3414
Fax: 734-936-3334

SPECIFICATION DIVISION 10

NUMBER SECTION DESCRIPTION

DIVISION 10 SPECIALTIES

SECTION 104400 - FIRE PROTECTION SPECIALTIES

END OF CONTENTS TABLE

DIVISION 10 SPECIALTIES
SECTION 104400 - FIRE PROTECTION SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

- A. Types of fire extinguishers include the following:
 - 1. ABC multipurpose dry chemical.
 - 2. BC carbon dioxide.
 - 3. Water under pressure.
- B. Locations of fire extinguishers are shown on drawings.

1.2 SUBMITTALS

- A. Product Data: Manufacturers literature indicating compliance with requirements, and installation instructions.

1.3 QUALITY ASSURANCE

- A. Provide new UL-listed fire extinguishers bearing UL "Listing Mark" for type, rating, and classification of extinguishers indicated.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products of one of the following:
Badger Fire Protection.
Buckeye Fire Equipment Co.
General Fire Extinguisher Corp.
Kidde Co.
Larsen's Manufacturing Co.
Potter-Roemer Inc.

SELECT APPROPRIATE TYPES OF FIRE EXTINGUISHER UNITS. NOTE THAT THERE ARE OTHER TYPES THAN LISTED BELOW.

SELECT BELOW FOR STANDARD LABORATORY AND OTHER TYPICAL APPLICATIONS, INCLUDING ELEVATOR MACHINE ROOMS.

2.2 MULTI-PURPOSE DRY CHEMICAL TYPE

- A. Provide UL-rated 4-A; 60-BC, 10-lb. nominal capacity, in enameled steel container.

SELECT BELOW ONLY AFTER VERIFYING THAT IT MEETS CODE FOR CONTEMPLATED USAGE.

2.3 CARBON DIOXIDE TYPE

- A. Provide UL-rated 10-BC, 10-lb. nominal capacity, enameled metal container.

2.4 MATERIALS

- A. Provide units with metal valve assemblies, discharge levers and carrying handles and with rubber hoses. Plastic is not permitted. Provide metal brackets for wall mounting units where cabinets are not indicated.

INCLUDE THE FOLLOWING WHERE DESIRED - USUALLY NOT IN LABS OR EQUIPMENT ROOMS.

2.5 FIRE EXTINGUISHER CABINETS

- A. Provide fire extinguisher cabinets at locations indicated on drawings.

BELOW IS EXAMPLE ONLY - SEMI-RECESSED AND SURFACE MOUNTED TYPES ARE AVAILABLE. CONSULT CATALOGS FOR MFR AND MODEL DESIRED. FULLY RECESSED REQUIRED 6" STUD DEPTH

1. Type: Fully recessed with trim.
2. Size: To suit type of unit being housed.
3. Door and Frame Finish: Satin stainless steel.
4. Window: Approx. 2 inches by 24 inches, 1/4 inch clear acrylic.
5. Manufacturer/Model: Potter-Roemer Inc.; No. 1704, or equivalent products of Samson Metal Products, Larsen's Mfg Co.
6. Signage: Identify extinguisher cabinets with manufacturer's standard red lettering applied to cabinet door, spelling "FIRE EXTINGUISHER". Letter size, style and location selected by Architect.

DELETE BELOW IF NO BRACKET-MOUNTED EXTINGUISHERS.

2.6 ACCESSORIES FOR BRACKET MOUNTED EXTINGUISHERS

- A. Mounting Brackets: Provide units designed to hold specified extinguishers. Mount brackets with expansion anchors to withstand a 200 pound load applied in any direction.
- B. Signage: Identify bracket-mounted extinguishers with red letter decals with clear backgrounds, spelling "FIRE EXTINGUISHER" applied to wall surface. Letter size, style and location selected by Architect and indicating "FIRE EXTINGUISHER".

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's directions for type of mounting required at height and locations indicated, or if not indicated, to comply with applicable regulations of governing authorities.
 - 1. Coordinate installation of fire extinguisher cabinets with wall system installers.

END OF SECTION 104400