

SECTION 10 44 00

FIRE PROTECTION SPECIALTIES

PART 1 GENERAL

1.01 QUALITY ASSURANCE

- A. Where fire-rated cabinet assemblies are indicated or required, provide assemblies that have been tested, listed and labeled in accordance with (ASTM E-814) by a nationally recognized independent testing and inspection agency acceptable to authorities having jurisdiction.
- B. Provide fire extinguishers, cabinets and accessories by a single manufacturer, per category.
- C. Conform to NFPA10-Portable Fire Extinguishers.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Provide fire protection specialties as manufactured by one of the following:
 - 1. JL Industries, Inc.
 - 2. Larsen's.
 - 3. Potter Roemer.
 - 4. Elkhart Brass Mfg. Co.
 - 5. Badger.
 - 6. Noris.
 - 7. Flinn Scientific

2.02 FABRICATION

- A. Furnish cabinet assemblies manufactured as an integral unit, complete with all parts and ready for installation.
- B. Continuous piano hinges and pull handles for all cabinet doors.
- C. Locking Devices- provide panic release lever in public spaces.

2.03 MATERIALS

- A. Cabinet Metals:
 - 1. Cold-rolled steel – heavy gauge.
- B. Cabinet Finishes:
 - 1. Baked Enamel over factory phosphate dipped and prime coated steel.
- C. Cabinet Glazing:
 - 1. Clear 1/8" scored and breakable acrylic.
- D. Fire Extinguishers:
 - 1. Multi-purpose dry chemical (Class ABC)
 - 2. Regular dry chemical (Class K)
 - 3. Wet chemical (Class K)
- E. Accessories:
 - 1. Fire Blankets and cabinets (one at each science room).
 - a) Fire retardant treated wool; red, 62 x 84 inch.
 - 2. Extinguisher brackets.

- a. Extinguishers not in cabinets must be on matching brackets capable of supporting weight and of unit. Provide fire treated and curfed blocking within wall.
- F. Painted graphics shall conform to the requirements of NFPA-10. Surface applied vinyl or plastic is prohibited.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Coordinate installation with work of other trades obtaining exact locations from mechanical installers of hose valves.
- B. Provide fire treated blocking.
- C. Fire rating of wall must be maintained in cabinet cavity.

3.02 TRAINING

- A. Provide training on use of each type of extinguisher for the building's Facility Manager.

END OF SECTION 10 44 00