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.
   5. Badger.
   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- roller catch

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.