

**SECTION 10522
FIRE EXTINGUISHERS**

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install fire extinguishers as shown on the Drawings and specified herein.

1.02 REFERENCE SPECIFICATIONS, CODES AND STANDARDS

- A. Without limiting the generality of these Specifications the Work shall conform to the applicable requirements of the following documents:
 - 1. NFPA 10 - Portable Fire Extinguishers

1.03 SUBMITTALS

- A. In accordance with the procedures and requirements set forth in Section 01300, Submittals, submit the following:
 - 1. Complete detail and installation drawings for Fire Extinguisher Cabinets.
 - 2. Manufacturer's data sheets and verification of U.L. ratings.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Subject to compliance with the Specifications provide products from one of the following manufacturers:
 - 1. Kidde Fire Extinguisher Company
 - 2. Ansul Fire Protection
 - 3. Potter - Roemer
 - 4. J. L. Industries
 - 5. Or Equal.

2.02 MATERIALS

- A. Dry Chemical (DC) Fire Extinguishers
 - 1. Provide where indicated on drawings, 10 lb. capacity, hand portable, with heavy-duty wall mount, tri-class dry chemical type, with Underwriters' Laboratories rating of 4-A: 60 BC.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Fire extinguishers shall be installed where directed by the Engineer.
- B. Wall mounts for extinguishers shall be securely mounted to masonry with lag bolts and shields.
- C. Fire extinguishers shall be installed so that the top of the fire extinguisher is not more than 5 feet above the floor.

END OF SECTION 10522

**SECTION 10523
FIRST AID CABINETS**

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install first aid cabinets as specified herein. Coordinate work in this Section with painting and marking as specified in Section 09900, Painting. Certain equipment items will be field located by Owner, if not otherwise shown on the Drawings.

1.02 SUBMITTALS

- A. Submit Shop Drawings, Performance Affidavit, Operation and Maintenance Instructions and other information as specified for all items of equipment in this Section in accordance with Sections 11000 through 11750 and Section 01300, Submittals. Shop Drawings shall also include complete erection, installation, and adjustment instructions and recommendations.

1.03 MANUFACTURERS

- A. The materials covered by these Specifications are intended to be standard equipment of proven reliability and as manufactured by reputable manufacturers having experience in the production of such equipment. The equipment furnished shall be designed, constructed, and installed in accordance with the best practices and methods and shall operate satisfactorily when installed as shown on the Drawings and operated per manufacturers' recommendations.

PART 2 - PRODUCTS

2.01 FIRST AID CABINETS

- A. The first aid cabinets shall be a Fisher Scientific Co. Catalog #19-035-116, Uline model H-3795, or equal. Two first aid cabinets shall be provided. Mounting brackets for masonry mounting shall be provided. Cabinets shall be field located as directed by the Owner

PART 3 - EXECUTION

3.01 INSTALLATION

- A. First aid cabinets shall be installed where shown on the Drawings or as directed by the Owner. Where required by OSHA regulations, the background of the mounting location shall be painted the appropriate color.

END OF SECTION 10523

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**SECTION 10524
EMERGENCY EYEWASH STATION**

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install emergency eyewash station as shown on the Drawings and as specified herein. Certain equipment items will be field located by Owner, if not otherwise shown on the Drawings.

1.02 SUBMITTALS

- A. Submit Shop Drawings, Performance Affidavit, Operation and Maintenance Instructions and other information as specified for all items of equipment in this Section in accordance with Section 01300, Submittals. Shop Drawings shall also include complete erection, installation, and adjustment instructions and recommendations.

1.03 MANUFACTURERS

- A. The materials covered by these Specifications are intended to be standard equipment of proven reliability and as manufactured by reputable manufacturers having experience in the production of such equipment. The equipment furnished shall be designed, constructed, and installed in accordance with the best practices and methods and shall operate satisfactorily when installed as shown on the Drawings and operated per manufacturers' recommendations.

PART 2 – PRODUCTS

2.01 PORTABLE EMERGENCY SHOWER/EYEWASH STATIONS

- A. Portable emergency eyewash/drench hose unit uses air pressure to deliver 10 gallons (37.5 liters) of water for 15 minutes. Portable eyewash stations shall be installed where shown on the Contract Drawings.
- B. Tank: 15 gallon (56L) stainless steel tank. Tank shall have built-in carrying handles, air intake valve, pressure gauge and pressure relief valve.
- C. Eyewash: Capable of washing user's eyes for 15 minutes. Unit shall be furnished with (2) GS-Plus low flow spray heads with "flip top" dust covers, integral flow controls and filters. Valve is ½" IPS chrome plated brass ball valve with flag handle. User's hands can be free while eyewash is in operation.
- D. Drench Hose: For rinsing any part of the user's eyes, face or body. Furnished with single GS-Plus spray head, self-closing valve with handle and 6 foot (2m) reinforced PVC hose.

- E. Discharge Time: Eyewash delivers .7 GPM (2.6L/min) for 15 minutes. Drench hose delivers 1.7 GPM (6.4L/min) for 6 minutes.
- F. Portable eyewash stations shall be Model G1562 as manufactured by Guardian, or equal.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Portable eyewash stations shall be installed where shown on the Drawings or as directed by the Engineer. Where required by OSHA regulations, the background of the mounting location shall be painted the appropriate color.

END OF SECTION 10524