

PLUMBING SPECIALTIES AND ACCESSORIES

1. GENERAL

1.1 Summary

.1 Section Includes:

.1 Materials and installation for plumbing specialties and accessories.

.2 Related Sections:

.1 Section 01 33 00 - Submittal Procedures.

1.2 References

.1 International Safety Equipment Association (ISEA)

.1 ISEA Z358.1 2009, American National Standard for Emergency Eyewash and Shower Equipment

1.3 Submittals

.1 Submittals in accordance with Section 01 33 00 - Submittal Procedures.

.2 Product Data:

.1 Submit manufacturer's printed product literature, specifications and datasheet for fixtures and equipment.

.2 Indicate dimensions, construction details and materials for specified items.

.3 Submit WHMIS MSDS in accordance with Section 01 33 00 - Submittal Procedures.

.3 Shop Drawings:

.1 Submit shop drawings to indicate materials, method of anchorage, dimensions and accessories.

.4 Instructions: submit manufacturer's installation instructions.

.5 Manufacturers' Field Reports: manufacturers' field reports specified.

.6 Closeout submittals: submit maintenance and engineering data for incorporation into manual specified in Section 01 78 00 - Closeout Submittals, include:

.1 Description of plumbing specialties and accessories, giving manufacturers name, type, model, year and capacity.

.2 Details of operation, servicing and maintenance.

.3 Recommended spare parts list.

PLUMBING SPECIALTIES AND ACCESSORIES

2. PRODUCTS

2.1 Materials

2.2 Emergency Eyewash

- .1 Self-contained eyewash constructed from impact and chemical resistant plastic. The unit shall comprise of a detachable tank having a capacity of 26.5 liters and a pedestal unit to support the tank, incorporating the eyewash activation mechanism. The unit will be capable of provide a sustained flow of 0.025l/sec for a period of 15 minutes. Supply complete with stainless steel wall mounting brackets and 1 years supply of manufacturers approved water preservative. Standard of acceptance Bradley Corporation S19-92

2.3 Diaphragm Expansion Tank (ET-1)

- .1 Provide pre-charged steel thermal expansion tank with a fixed butyl bladder. The tank shall have a top NPT stainless steel system connection and a .301" - 32 charging valve connection to facilitate the on-site charging of the tank to meet system requirements. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code. Suitable for potable water.
- .2 Standard of acceptance: Amtrol ST-25V

3. EXECUTION

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and data sheet.

3.2 Installation

- .1 Install in accordance with manufacturer's instructions and as specified.
- .2 Refer to 23 06 00 Schedule for HVAC

END OF SECTION