

SECTION 15450PLUMBING FIXTURES AND TRIMPART 1 - GENERAL1.1 DESCRIPTION

- A. Work Included: Furnish and install plumbing fixtures and trim as indicated on the Drawing and specified herein.
- B. Related Work Specified Elsewhere: "Plumbing - General" is specified in this Division.

1.2 QUALITY ASSURANCE

- A. Manufacturers:
 - 1. Emergency Shower:
 - a. Speakman
 - b. Haws
 - c. Guardian
 - d. Or approved equal.

PART 2 - PRODUCTS2.1 MATERIALS

- A. General: To establish type, style and quality, the following fixture models and catalog numbers are American Standard, except as otherwise listed. Approved equals are acceptable. All trim is to be brass, unless otherwise noted, and exposed surfaces polished chrome plated.
- B. Emergency Shower:
 - 1. Type "P-1"
 - a. Unit: Combination emergency shower and eye wash.
 - b. Shower: 10 inch diameter ABS plastic deluge shower head, 1¼ inch IPS supply, instant action stay open shower ball valve operated by rigid pull rod with triangular handle.
 - c. Column: 1¼ inch galvanized pipe with 1¼ inch supply connection, 9 inch floor flange with bolt holes and supply and waste connections for eye wash.
 - d. Eye wash fixture: Corrosion resistant stainless steel bowl with twin Buna N covered ABS plastic anti-surge heads, instant action stay open brass ball valve with foot treadle and push flag operation.
 - e. Equal to Haws 8300.
 - f. Provide one Emergency Shower Test Kit to the Owner. Test Kit shall include upper stainless steel ring, waterproof, funnel shaped water guide and holding rod. Equal to Haws Model 9010.

- C. Emergency Eyewash:
 - 1. Type "P-2"
 - a. Receptor: Corrosion-resistant stainless steel.
 - b. Heads: Twin Buna N covered ABS plastic anti-surge type.
 - c. Valve: Push-type brass stay-open ball valve.
 - d. Stream control: Dual automatic pressure compensation devices.
 - e. Supply: 1/2" IPS
 - f. Waste: 1/4" IPS extended to 6 inches above floor.
 - g. Mount: Wall mount bracket.
 - h. Provide dust cover assembly to open when plate is pushed.
 - i. Equal to Haws 7460B with Model 9100 dust cover.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Securely fasten and support all fixtures.
 - 1. Provide fixture hangers or carriers as specified for all wall hung fixtures.
 - 2. Firmly attach block feet of chair type fixture carriers to floor slab with 1/2 inch x 3 inch self-expanding concrete anchor bolts.
 - 3. Furnish hangers to General Trade for installation in cast-in-place concrete walls.
- B. Set fixtures at heights to rim as specified.
- C. Provide shut-off valves or stops in water service lines to each fixture.
- D. Where fixture comes in contact with wall or floor, the joint shall be watertight.

END OF SECTION