SECTION 22 45 00 – EMERGENCY PLUMBING FIXTURES

PART 1 GENERAL

1.01 SECTION INCLUDES
   A. Emergency Eye Washes
   B. Emergency Showers

1.02 RELATED REQUIREMENTS
   A. Section 22 05 00 – Common Work Results for Plumbing
   B. Section 22 10 05 – Plumbing Piping
   C. Section 22 11 16 – Domestic Water Piping
   D. Section 22 13 00 – Facility Sanitary Sewerage
   E. Section 22 30 00 – Plumbing Equipment
   F. Section 22 40 00 – Plumbing Fixtures

1.03 SUBMITTALS
   A. Product Data: Provide catalog illustrations of fixtures, sizes, rough-in dimensions, utility sizes, trim, and finishes.

PART 2 PRODUCTS

2.01 GENERAL REQUIREMENTS
   A. Potable Water Systems: Provide plumbing fittings and faucets that comply with NSF 61 and NSF 372 for maximum lead content; label pipe and fittings.
   B. Locations where hazardous materials are used or stored shall be provided with emergency eye washes in compliance with California Code of Regulations, Title 8 (CalOSHA) Section 5162, ANSI Z358.1 - 1990 and applicable ADA requirements.
   C. Emergency eye washes and showers shall be supplied from the potable water system. Industrial water shall not be used to supply these fixtures.
   D. Emergency eye wash and shower control valves shall remain open once activated until intentionally shut off.
   E. Emergency eye washes and showers shall be located a distance no greater than 100 feet from the hazard and shall require no more than 10 seconds for an injured person to reach.
F. Floor drains shall not be provided at emergency showers in order to contain hazardous materials. The adjacent floor and walls should be designed to provide containment and also to be resistant to water damage. The plumbing design professional should coordinate this issue with the project Executive Architect.

2.02 EMERGENCY EYE AND FACE WASH

A. Emergency Wash: ANSI Z358.1; wall-mounted, self-cleaning, non-clogging eye and face wash with quick opening, full-flow valves, stainless steel eye and face wash receptor, twin eye wash heads and face spray ring, stainless steel dust cover, copper alloy control valve and fittings.

PART 3 EXECUTION

2.03 INSTALLATION

A. Install components level and plumb.

END OF SECTION  22 45 00