

**UPDATE LOG FOR SECTION 15430
EMERGENCY EYEWASH/SOWER UNITS**

Date	Item(s) Changed	Page #
090707	<p>PART 1 GENERAL</p> <p>1.01 SUMMARY</p> <p>C. Related Sections/Standard Drawing:</p> <ol style="list-style-type: none"> 1. Section F - Labor and Construction. 2. Section E01430 - Maintenance Manual Requirement Section. 3. Section 13422C - Flow Field Instruments. 4. Section 15050 - Basic Mechanical Materials and Methods. 5. Section 16050 - Basic Electrical Materials and Methods. 6. Standard Drawing A-540 - Emergency Shower & Eyewash <p>2.01 EMERGENCY SHOWERS AND EYE WASHES</p> <p>B. Stainless Steel Combination Unit Emergency Shower and Eye/Face Wash:</p> <ol style="list-style-type: none"> 1. Manufacturers: One of the following, no equal: <ol style="list-style-type: none"> a. HAWS, Model No. 8330. b. Guardian Equipment, Model No. G1996. c. Bradley, Model No. S19-310SSJP. 4. Eye/Face Wash: <ol style="list-style-type: none"> b. Heads: Twin ABS plastic, polypropylene, or Stainless steel (304SS) soft-flow eye/face wash type heads, with integral flip top protective dust covers releasing with water pressure. <p>B. Safety Shower Tepid Water Supply System:</p> <ol style="list-style-type: none"> 1. Manufacturers: One of the following or equal: <ol style="list-style-type: none"> a. Haws. 2. General Requirements: <ol style="list-style-type: none"> a. Provide one Tepid Water System for each safety shower unit or group of safety shower units mounted within 100 feet of each other. b. Tepid Water System to provide 20 gpm of water for a period of at least 15 minutes at a delivery temperature of 80 to 85 degrees Fahrenheit. 	2 & 3
071807	<p>1.02 QUALITY ASSURANCE</p> <p>A. Manufacturer Qualifications: Show evidence that the firm has been engaged in producing such materials and products for at least 5 years and that the product submitted has a satisfactory performance record of at least 5 years.</p> <p>B. Installer Qualifications: Installer shall have 3 years experience in installing these materials for similar projects and shall be approved by the manufacturer prior to bidding of the project.</p>	

2.01 EMERGENCY SHOWERS AND EYE WASHES

A. General Design Requirements:

2. Shower Head Flow: 20.0 30.0 GPM.
3. Eyewash or Eye/Face Wash Flow: 1.2 5.0 GPM flow, minimum..

B. Stainless Steel Combination Unit Emergency Shower and Eye/Face Wash:

1. Manufacturers: One of the following or equal:
 - a. HAWS, Model No. 8330.
 - b. Guardian Equipment, Model No. G1996.
 - c. Bradley, Model No. S19-310SSJP.
2. Pipe Standard: 1-1/4 inch stainless steel pipe (304SS) and fittings, with stainless steel rod providing additional support overhead; 5 inch diameter floor flange.
3. Shower Head:
 - a. Material and Size: Stainless steel (304SS), 10 inch diameter, or greater.
 - b. Valve and Actuator: Stay open Type 316 stainless steel ball valve actuated by rigid stainless steel pull rod.
4. Eye/Face Wash:
 - a. Valve and Actuator: Stay open Type 316 stainless steel ball valve with stainless steel ball operated by stainless steel push handle and foot treadle.
 - b. Heads: Twin ABS plastic, polypropylene, or stainless steel (304SS) soft-flow eye/face wash type heads, with integral flip top protective dust covers releasing with water pressure.
5. Receptor Bowl: Stainless steel (304SS).
6. In-Line Strainer: Stainless steel strainer for eye/face wash.

~~C. Combination Unit Emergency Shower and Eye/Face Wash:~~

- ~~1. Manufacturers: One of the following or equal:
 - a. Haws:
 - 1) No. 8330~~
- ~~2. Pipe Standard:
 - a. 1-1/4-inch, and fittings with interconnecting piping, stanchion and 9-inch diameter floor flange.~~
- ~~3. Shower Head:
 - a. Material and Size: 304SS, 10.5-inch diameter.
 - b. Valve and Actuator: 316SS Stay open ball valve equipped with stainless steel ball and stem operated by a rigid stainless steel pull rod, with triangular handle.~~
- ~~4. Eye/Face Wash Receptor:
 - a. Valve and Actuator: 316SS stay open ball valve with stainless steel ball and stem operated by a stainless steel push handle and foot treadle.
 - b. Spray Heads: 303SS twin soft-flow eye/face wash type heads, with integral flip top dust covers releasing with water pressure.
 - c. Receptor Bowl: Stainless steel with No. 2L bright finish on~~

	<p style="text-align: center;">exterior; 11 inches diameter, with chrome-plated fixtures.</p> <p style="text-align: center;">5. Supply: 1-1/4-inch IPS.</p> <p style="text-align: center;">6. Waste: 1-1/4-inch IPS.</p>	
071807	<p>Changes have been made as follows:</p> <p>1.01 SUMMARY</p> <p>C. Related Sections:</p> <ol style="list-style-type: none"> 1. Section F - Labor and Construction. 2. Section E01430 - Maintenance Manual Requirement Section. 3. Section 13422C - Flow Field Instruments. 4. Section 15050 - Basic Mechanical Materials and Methods. 5. Section 16050 - Basic Electrical Materials and Methods. 	All
07/03/07	Changed headers: Called out incorrect section no. 15340 instead of 15430	1-4
06/05/07	<p>Revised Section 2.01 Emergency Showers and Eye Washes</p> <p>2.01 EMERGENCY SHOWERS AND EYE WASHES</p> <p>D. General Design Requirements:</p> <ol style="list-style-type: none"> 1. Provide dielectric coupling/bushing between dissimilar metals. <p>E. Combination Unit Emergency Shower and Eye/Face Wash:</p> <ol style="list-style-type: none"> 2. Pipe Standard: <ol style="list-style-type: none"> a. 1-1/4-inch, hot-dip galvanized steel pipe, and fittings with interconnecting piping, stanchion and 9-inch diameter floor flange. b. Corrosion Protection: Provide Haws CRP green pipe coating or equal, in corrosive environments. 3. Shower Head: <ol style="list-style-type: none"> a. Material and Size: ABS plastic 304SS, 10.5-inch diameter. b. Valve and Actuator: Stay Open chrome plated brass ball valve 316SS stay-open ball valve equipped with stainless steel ball and stem operated by a rigid stainless steel pull rod, with triangular handle. 4. Eye/Face Wash Receptor: <ol style="list-style-type: none"> a. Valve and Actuator: Stay Open chrome plated brass 316SS stay open ball valve with stainless steel ball and stem operated by a stainless steel push handle and foot treadle. b. Spray Heads: ABS plastic 303SS twin soft-flow eye/face wash type heads, with integral flip top dust covers releasing with water pressure. c. Receptor Bowl: Stainless steel with No. 2L 7 bright finish on exterior; 11 inches diameter, with chrome-plated fixtures. 	2 & 3
05/23/07	Section 15430 created (new section)	All

Change Legend:

Added

~~Strike-out~~

Document is prepped for double-sided printing