



Environmental Health & Safety Policy & Procedure #12

TITLE **EMERGENCY EYE/FACE WASH & SAFETY SHOWER INSPECTION POLICY**

OBJECTIVE AND PURPOSE To ensure that emergency eye/face washes and safety showers will work when they are required and to maintain the system free from contaminants (rust, bacteria, etc.).

RESPONSIBILITY **ACTION**

FACILITIES PLANNING

- ◆ Ensure all new construction and remodeling of facilities where the eyes or body of any person may be exposed to hazardous chemical, biological, or radioactive materials includes provision of eye/face washes and safety showers in accordance with the current edition of ANSI Z358.1.
- ◆ Ensure that during all new construction and remodeling of such facilities, eye/face wash discharges can be captured by a tray or by discharge to a sanitary sewer for testing purposes.

PHYSICAL PLANT

- ◆ Perform annual maintenance inspections of all eye/face wash and safety showers to ensure each unit operates as designed and according to ANSI specifications. Submit annual report to EH&S using the Emergency Eye/Face Wash and Safety Shower form (**Attachment "A"**).
- ◆ Conduct monthly testing of eye/face wash units.
- ◆ Conduct quarterly testing of safety showers.
- ◆ Ensure that for testing purposes, eye/face wash discharges can be captured by a tray or by discharge to a sanitary sewer.
- ◆ Document all testing on inspection tags attached to the units.
- ◆ Service and repair units when users report malfunctions or degraded performance.
- ◆ Place highest priority on the repair of malfunctioning units and/or units suffering degraded performance.
- ◆ Maintain database of all eye/face wash and safety shower locations and document all maintenance, service, or repair for each unit.

EQUIPMENT USERS

- ◆ Ensure that eye/face wash and safety showers are not obstructed.
- ◆ Visually inspect eye/face wash and safety showers inspection tags to ensure the units have been inspected monthly.
- ◆ Report non-inspected, malfunctioning, and/or units suffering degraded performance to Physical Plant Work Control at 297-2240.
- ◆ If units are not serviced within one week of the service request, contact EH&S at 297-3129.

ENVIRONMENTAL HEALTH AND SAFETY

- ◆ Make safety shower testing equipment available to Physical Plant and/or users who would like to test their own equipment.
- ◆ Conduct periodic audits to determine whether units have been tested, serviced and maintained as required.
- ◆ Assist users in obtaining repairs or service when service requests have not been completed within the one week time frame.

REFERENCE

- ◆ [29CFR§1910.151\(c\)](#), ANSI Z358.1 (latest edition), [29CFR§1910.1450-Appendix A](#), OSHA Letter of Interpretation [6/21/95](#).

ATTACHMENTS

- ◆ ***Emergency Eye/Face Wash and Safety Shower form- Attachment "A"***

Issued By: T. Bradley	Date Issued: 6/2001	Date Revised: 7/2011	Effective Date: 6/2001
APPROVED:	Vice President	Associate V.P.	Director

Emergency Eye/Face Wash and Safety Shower Annual Maintenance Inspection Form

LOCATION	DESCRIPTION
Building _____	Type of Equipment: (check one)
Room _____	<input type="checkbox"/> Eye/Face Wash
Unit Number _____	<input type="checkbox"/> Safety Shower <input type="checkbox"/> Combination
Evaluation Performed by: _____	Date _____

DESCRIPTION	SHOWER PERFORMANCE REQUIREMENTS	
Shower Height	<input type="checkbox"/>	Not less than 82 inches nor more than 96 inches from standing level
Water Spray Pattern	<input type="checkbox"/>	20 inch minimum diameter at 60 inches from standing level
Center of Water Spray	<input type="checkbox"/>	16 inches from any obstruction
Water Delivery	<input type="checkbox"/>	Minimum of 20 gallons per minute (gpm) at 30 psi for a minimum of 15 minutes; soft, spent stream, non-injurious to user.
Control Valve & Actuator	<input type="checkbox"/>	Turn "ON" in one second with a stay-on feature and easily located
Location to Hazard	<input type="checkbox"/>	Outlets located within a 6' radius of the shower are equipped with a tested, functional GFCI
Identification	<input type="checkbox"/>	Highly visible sign in a well-lit area free of debris
Condition of Unit	<input type="checkbox"/>	Shower is undamaged, with no signs of leaks

DESCRIPTION	EYE/FACE WASH PERFORMANCE REQUIREMENTS	
Water Delivery	<input type="checkbox"/>	Soft spent stream, non-injurious to user, with a minimum of 0.4 gpm (eyewash only) or 3 gpm (eye/face wash) for a minimum of 15 minutes
Location to Hazard	<input type="checkbox"/>	Outlets located within a 6' radius of the eye/face wash are equipped with a tested, functional GFCI
Nozzles	<input type="checkbox"/>	Covers are installed and sanitary, to protect from airborne contaminants
Nozzle Height	<input type="checkbox"/>	Not less than 33 inches nor more than 45 inches from standing level and a minimum of 6 inches from the wall or nearest obstruction
Control Valve & Actuator	<input type="checkbox"/>	Turn "ON" in one second with a stay-on feature and easily located
Identification	<input type="checkbox"/>	Highly visible sign in a well-lit area free of debris
Condition of Unit	<input type="checkbox"/>	Eye/face wash is undamaged, with no visible leaks

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DESCRIPTION	COMBINATION UNIT PERFORMANCE REQUIREMENTS	
Water Delivery (Additional Requirement)	()	Eye/face wash and safety shower capable of operating simultaneously and configured so both components can be used at the same time by the user.

Describe Any Needed Repairs:
