

# QUICK TIPS FOR EMERGENCY SHOWERS & EYEWASHES



## 10 seconds travel time from a hazard

ANSI Z358.1 requires that companies provide emergency showers and/or eyewashes within 10 seconds' travel time of a hazard. Look for signs of hazardous materials and make sure eyewashes and showers are within the prescribed distance.



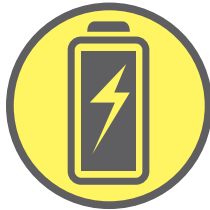
## Hazardous material storage

The storage, transfer and use of flammable liquids require showers and/or eyewashes as secondary protection. Look for containers used to handle or store these materials and make sure ANSI Z358.1 compliant emergency equipment is within 10 seconds' travel distance.



## Personal protective equipment

Look for areas where workers are using personal protective equipment such as goggles and liquid proof gloves. These are found in areas where hazardous materials are being used and eyewashes and/or showers will be required as secondary protection.



## Battery charging & maintenance

OSHA Directive Number STD 1-8.2. "This directive provides guidelines regarding eyewash and body flushing facilities required for immediate emergency use in electric storage battery charging and maintenance areas." Make sure emergency equipment is properly located near these hazards.



## Hands-free operation

ANSI Z358.1 requires that shower valves be of simple operation, turn from off to on in one second or less, and provide hands-free operation once activated. Self-closing shower valves do not meet this standard and should be replaced.



## Hand-held bottles

Personal eyewash equipment, such as squeeze bottles, do not meet the requirements of plumbed or self-contained eyewash equipment. Make sure units meeting ANSI Z358.1 are within 10 seconds travel time from hazard.



## Replace insufficient equipment

Hand held drench hoses do not meet the criteria of a plumbed or self-contained eyewash. If these are the only means of protection, they should be replaced or supplemented with equipment meeting the requirements of ANSI Z358.1.

# SURVEY FOR COMPLIANCE TO ANSI Z358.1

LOCATION: \_\_\_\_\_

CONTACT: \_\_\_\_\_

PHONE #: \_\_\_\_\_

ANSI Z358.1 REQUIREMENTS	AREA #	1	2	3	4	5
GENERAL		YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Emergency Showers & Eyewashes shall be located within 10 seconds' travel time of hazard.						
Equipment shall be tested weekly to verify proper operation and inspected annually for conformance to the ANSI Z358.1 requirements.						
Flushing fluid shall be Tepid (60°-100°F) (Check with medical advisor for optimum temperature).						
Unit identified with highly visible sign.						
Unit shall operate hands free once activated.						
EYEWASHES & EYE/FACE WASHES		YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Minimum Flow for 15 minutes (Eyewash - .4 GPM Eye/Face Wash 3.0 GPM).						
Nozzles protected from airborne contaminants.						
Provide flushing fluid to both eyes simultaneously at a velocity low enough to be non-injurious.						
Simple operation - "Off to on" in 1 second or less. Hands free operation once activated.						
Nozzle height 33" to 45" from standing surface.						
Nozzles 6" from wall or nearest obstruction.						
DRENCH SHOWERS		YES / NO	YES / NO	YES / NO	YES / NO	YES / NO
Minimum flow for 15 minutes - 20 GPM.						
Simple operation - "Off to on" in 1 second or less. Hands free operation once activated.						
Height from standing surface 82" - 96".						
Spray pattern - 20" diameter @ 60" above standing surface.						
Center of spray located 16" from any obstruction.						
PRODUCT RECOMMENDATION.						

## OSHA 29 CFR 1910.151, SUBPART K, SECTION C

*"Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick, drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use."*

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