

ANNUAL INSPECTION OF EMERGENCY EYEWASH STATION FOR USERS REFERENCE GUIDE ONLY

This reference guide is for the benefit of the users so you are informed of the annual inspection requirements for emergency eyewash stations. The Laboratory Biosafety Guidelines and the Occupational Health and Safety Act, Reg 851, refer to ANSI Z3548.1-2004 for the operation and maintenance of emergency eyewash stations. Below are the requirements.

The annual inspection is the responsibility of the Facility Services due to the skill set needed to certify the units. However, it is a collective effort between the Lab Occupants, Department/Faculty, Department of Occupational Health and Safety, and Facility Services in order to meet certain requirements.

This guide does not replace the ANSI Z358.1-2004 Standards Manual, and as such, Facility staff should refer to the ANSI manual per se for annual inspections.

If your eyewash has not been annually inspected or if any of the below requirements may be of an issue, please contact your facilities manager regarding the matter.

REQUIREMENT	Yes	No
LOCATION		
Is there a clear passage and easy access to the eyewash station? <i>(refer to ANSI Manual for specific timed distance requirement: section 5.4.2)</i>	Y	N
Is the eyewash on the same floor level as the hazard? <i>(section 5.4.2)</i>	Y	N
Is there enough room to allow the user to open the eyelids while the eyes are in the flushing fluid stream? <i>(section 5.1.7)</i>	Y	N
Is the area well lit? <i>(section 5.4.3)</i>	Y	N
Is the eyewash station easily visible? <i>(section 5.4.3)</i>	Y	N
EYEWASH UNIT		
Are the nozzles equipped with protective covers? <i>(section 5.1.3)</i>	Y	N
Are the covers removed by activation of the eyewash? <i>(section 5.1.3)</i>	Y	N
Is the eyewash easily activated? <i>(section 5.2)</i>	Y	N
Once activated, can the eyewash be used without requiring the use of the hands? <i>(section 5.1.4)</i>	Y	N
Is the unit plumb to allow water flow for more than 15 minutes? <i>(section 5.1.6)</i>	Y	N
Are there no signs of corrosion to the metal? <i>(section 5.1.5 and 5.2)</i>	Y	N
WATER FLOW		
Does the spray pattern deliver a steady stream of water within 1 second of activating? <i>(i.e. no sign of deposit build up) (section 5.2)</i>	Y	N
Is the flow at a low velocity to be non-injurious to the user? <i>(refer to ANSI Manual for specific flow velocities: section 5.1.1, 5.1.6 and 5.3.1)</i>	Y	N
Is the flow of water of approximate equal height? <i>(refer to ANSI Manual for specific distance measurements: sections 5.3.1, 5.1.8, and appendix 3c)</i>	Y	N
Is the water temperature constant and tepid? <i>(section 5.4.6)</i>	Y	N
Is the flow of water clear? <i>(section 5.3.3)</i>	Y	N
Does the flow continue until the unit is returned to its resting position? <i>(section 5.2)</i>	Y	N
Does the water drain properly from the basin/sink? <i>(section 5.4.7)</i>	Y	N
Are there other concerns:		

For more information regarding the ANSI Standards, please contact the Department of Occupational Health and Safety, ext. 55491