



ANSI Z358.1-2009 Compliance Checklist

This checklist is a summary of the provisions of ANSI Z358.1-2009 relating to eye or eye/face wash and safety showers. Please refer to the standard for a complete listing of the provisions.



- Safety Showers and Eye wash equipment shall be accessible within 10 seconds of hazard. (Section 4.5.2, 5.4.2, 6.4.2, 7.4.2)
- Safety Showers and Eye washes deliver tepid flushing fluid. Suggested temperature range - above 60°F (16°C) and below 100°F (38°C). (Section 4.5.6, 5.4.6, 6.4.6, 7.4.5)
- Safety station shall be located on the same level as the hazard and the path of travel shall be free of obstructions. (Section 4.5.2, 5.4.2, 6.4.2, 7.4.2)
- Emergency equipment must be visually inspected and activated weekly. (Section 4.6.2, 5.5.2, 6.5.2, 7.5.2)
- Shower and Eye wash components must be capable of operating simultaneously by the same user. (Section 7.3, 7.4.4)
- Drench hose must deliver a controlled flow of flushing fluid at a velocity low enough to be non-injurious. (Section 8.2.1)
- A drench hose can only be considered an Eye wash - Eye/face wash if it meets performance requirements in Section 5 and/or 6
- The Shower must deliver minimum of flow 75.7L per minute and provide a column of water 50.8cm wide at 152.4cm above the floor level. (Section 4.1.2, 4.1.4, 7.1)
- The Shower head must be 208.3cm - 243.8cm above floor level. (Section 4.1.3, 7.1)
- The Shower and Eye wash valve must be designed so that the flushing flow remains on without the use of the operator's hands. The valve shall be simple to operate and go from 'off' to 'on' in one second or less. (Section 4.2, 5.2, 6.2, 7.1, 7.2)
- The single Eye wash must deliver a means of controlled flow to both eyes simultaneously at a velocity low enough to be non-injurious. (Section 5.1.1, 6.1.1, 7.1)
- Eye/face wash equipment must deliver minimum of 11.4L per minute of water for 15 minutes. (Section 6.1.6, 7.1)
- The Eye wash only must deliver minimum 1.5L per minute for 15 minutes. (Sec 5.1.6, 7.1)
- The flushing fluid of an Eye wash - Eye/face wash shall cover the areas between the interior and exterior lines of a gauge at some point less than 20.3cm above the Eye wash nozzle. (Section 5.1.8, 6.1.8, 7.1)
- Outlet heads must be protected from airborne contaminants. (Section 5.1.3, 6.1.3, 7.1)
- Flushing fluid Eye wash nozzles should be 83.8cm - 114.3cm from ground level and minimum of 15.3cm from the wall. (Section 5.4.4, 6.4.4, 7.1)
- Emergency equipment location should be well lit and identified with a highly visible sign. (Section 4.5.3, 5.4.3, 6.4.3, 7.4.3)
- All employees subject to exposure to hazardous material should be instructed of location and proper use of emergency equipment. (Section 4.6.4, 5.5.4, 6.5.4, 7.5.4)
- All Shower units must be serviced annually as a minimum to assure conformance with ANSI Z358.1. (Section 4.6.5, 5.5.5, 6.5.5, 7.5.5)

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