**Emergency Shower Template Guide**

**ANSI/ISEA Z358.1-2014 SAFETY EQUIPMENT CHECKLIST**

The template criteria provided below is a sample list of audit or inspection criteria that is potentially related to the operations at your organization. You may review the samples below and use them as jumping off points for creating custom audit or inspection templates in the SafetySkills Empower system. They may be used in their entirety without change or edited and expanded to suit the specific needs of your organization. Use of these criteria is entirely optional and to be used at your discretion.

**Weekly Performance**

|  |
| --- |
| Is all emergency equipment tested/activated weekly? |
| Does testing/activation ensure flow of water to the head of each water device? |
| Is testing/activation of a long enough duration to ensure all stagnant water is flushed from the unit (including dead legs)? |
| Are flushing fluids appropriate and clean for all devices and items? |

**Annual Minimum Performance Requirements**

|  |
| --- |
| Are all shower units inspected annually to assure conformance with ANSI Z358.1? |
| Is testing performed at an adequate flow pressure? Common testing pressure = 30 psi (+ .5 psi – .0 psi). |

**Shower (Sec. 4.1.2, 4.1.4, 7.1) (Sec. 4.2, 7.2)**

|  |
| --- |
| Are emergency showerheads at least 82 and not more than 96 inches above the shower floor? (Sec. 4.1.3, 7.1) |
| Does shower must deliver minimum of 20 gallons (75.7L) for 15 minutes? |
| Does shower provide a column of water at least 20 inches (50.8 cm) wide at 60 inches (152.4 cm) above the surface floor? |
| Does the shower water column run clear of any obstruction by at least 16 inches? |
| Is the shower designed so that the flushing flow remains on without the use of the operator’s hands? |
| Is the valve a simple on/off operation with the ability to go from “on" to "off within one second or less?  |
| Is the actuator not more than 69 inches (173.3 cm) from the surface floor of user? |

**Eyewash/Eye/Facewash (Sec. 5.1.1, 6.1.1, 7.1)**

|  |
| --- |
| Is a controlled flow provided to both eyes simultaneously at a velocity low enough to not cause injury? |
| Do eyewash and facewash stations deliver minimum water requirements for 15 minutes (3 gallons/min for facewash, 0.4 gallons/min for eyewash)? (Sec 5.1.6, 7.1) (Sec. 6.1.6, 7.1) |
| Are outlets protected from airborne contaminants? (Sec. 5.1.3, 6.1.3, 7.1) |
| Is the eyewash tested periodically to ensure meets coverage requirements using a standard testing gauge at less than 8 inches (20.3) above the eyewash nozzle? (Sec. 5.1.8, 6.1.8, 7.1) |
| Is the flushing fluid flow pattern between 33 to 53 inches (83.8 cm – 134.6 cm) from the surface floor of user and minimum of 6 inches (15.3 cm) from any obstruction? (Sec. 5.4.4, 6.4.4, 7.1) |
| Is the flushing flow designed so it remains on without the use of the operator’s hands, and the valve is a simple to operate and go from “off” to “on” in one second or less? (Sec. 5.2, 6.2, 7.2) |

**Location**

|  |
| --- |
| Is the safety station accessible within 10 seconds of hazard location (approximately 55 ft./16.8 m)? (Sec. 4.5.2, 5.4.2, 6.4.2, 7.4.2) |
| Is the safety station located on the same level as the hazard with the path of travel free of obstructions? (Sec. 4.5.2, 5.4.2, 6.4.2, 7.4.2) |
| Is the emergency equipment location well-lit and identified with a highly visible sign? (Sec. 4.5.3, 5.4.3, 6.4.3, 7.4.3) |
| Are all employees subject to exposure to hazardous materials, instructed in the location and proper use of emergency equipment? (Sec. 4.6.4, 5.5.4, 6.5.4, 7.5.4) |
| Where the possibility of freezing conditions exists, are shower and eye/facewash units protected from freezing, or is freeze-protected equipment installed? (Sec. 4.5.5, 5.4.5, 6.4.5, 7.4.4) |

**Combination Unit**

Are combination unit components capable of operating simultaneously and positioned so that components may be used simultaneously by the same user? (Sec. 7.3, 7.4.4)

**Drench Hose**

|  |
| --- |
| Does the drench hose deliver a controlled flow of flushing fluid at a velocity low enough to be non-injurious? (Sec. 8.2.1) |
| Does a drench hose meet performance requirements in Sec. 5 and/or 6 of the ANSI Standard if it is to be considered an eyewash – eye/face wash? (See Eyewash / Eye/Face Wash- section) |

**Temperature**

Do units deliver tepid flushing fluid meeting the following temperature range: above 60o F (16o C) and below 100o F (38o C)? (Sec. 4.5.6, 5.4.6, 6.4.6, 7.4.5)