

**AS 4775 – 2007 Safety Equipment Minimum Performance Checklist**

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- Installation shall be in accordance with proper plumbing practices. Supply piping shall be adequately sized to meet flow requirements. (Sec D1)
- All plumbed emergency equipment shall be connected to a continuous source of flushing fluid supply which may be drinking water, preserved water, preserved buffered saline solution or other medically acceptable solution manufactured and labelled in accordance with applicable government regulations. (Sec 4.4, 4.10, 6.7 (c)), 7.5 (b), 8.5 (b), 9.5 (b), 11.3.3 (c))
- All equipment shall be constructed of corrosion-resistant materials (Sec 4.2, 5.1) Note: The Plumbing Code of Australia does not allow the use of galvanised pipes or fittings on drinking water supply lines. AS/ NZS3500.1 Sec 2.4.2(c)

**LOCATION / TRAINING / INSPECTION**

- Safety Station **shall be accessible within 10 seconds of hazard.** (Sec 6.6, 7.4, 8.4, 9.4)
- Safety equipment **shall be located on the same level as the hazard** and the path of travel shall be free of obstructions. (Sec 6.6, 7.4, 8.4, 9.4)
- Emergency equipment location **shall be well illuminated and be identified by a highly visible sign** complying with AS1319 visible throughout the area served by the equipment. (Sec 6.6, 7.4, 8.4, 9.4)
- Employees who may be exposed to hazardous materials **shall be trained in the location and proper use of emergency equipment.** (6.8, 7.6, 8.6, 9.6).
- Emergency equipment **shall be activated weekly** to verify operation (6.8, 7.6, 8.6, 9.6)
- Emergency equipment **shall be inspected annually** to ensure conformance with the requirements of AS4775. (Sec 6.8, 7.6, 8.6, 9.6)

**COMBINATION UNIT**

- Combination unit components **shall comply with the individual performance requirements of the shower, eye wash & eye/face wash while operating simultaneously** & shall be positioned so components may be used simultaneously by the same user. (Sec 9.3, 9.5 (b), 9.5 (e) (iii))

**DRENCH HOSE**

- Drench hoses are considered supplemental equipment to provide immediate flushing to support plumbed and self-contained equipment but shall not replace them. (Sec 11.1)
- Drench hoses shall be simple to operate and shall go from closed to fully open in one second or less. The valve shall be corrosion resistant. (Sec 11.3.2)

**SHOWER**

- Showerhead shall be not less than 2083mm and not more than 2438mm from the surface on which the user stands. (Sec 6.5.1, 9.1 (b)) ①
- Shower **shall deliver a minimum of 75.7 l/min of flushing fluid at 210kPa**, with the flushing fluid being substantially dispersed throughout the pattern which **shall be of a minimum diameter of 508mm when measured at 1524mm above the surface on which the user stands.** (Sec 6.2, 6.5, 9.1 (b), 9.3) ②

- The shower operating control valve shall remain open without the use of the operator's hands. The valve shall be simple to operate and shall go from closed to fully open in one second or less and not be located more than 1733mm from the surface on which the user stands. The valve shall be corrosion resistant. (Sec 6.3, 7.2, 8.2, 9) ③

**EYEWASH / EYE / FACE WASH**

- Eye wash equipment **shall deliver flushing fluid to both eyes simultaneously** at a flow rate not less than 1.5 l/min at 210kPa. The flushing fluid streams should rise to approximately equal heights and should cover the areas between the interior and exterior lines of the test gauge, and when lowered not more than 38mm below the fluids peak. (Sec 7.1, 9.1 (c), 7.3.1) ④
- Eye / face wash equipment **shall deliver flushing fluid to the eyes simultaneously** at a flow rate not less than 11.4 l/min at 210kPa. The flushing fluid streams should rise to approximately equal heights and should cover the areas between the interior and exterior lines of the test gauge when lowered not more than 38mm below the fluids peak. (Sec 8.1, 8.3, 9.1 (d)) ⑤
- The flushing fluid nozzles of eye and eye/face wash units **shall be not less than 838mm and no greater than 1143mm from the surface on which the user stands and 153mm from the wall or nearest obstruction.** (Sec 7.4, 8.4, 9.1 (c), 9.1 (d)) ⑥
- The eye and eye/face wash operating control valve shall remain open without the use of the operator's hands. The valve shall be simple to operate and go from closed to fully open in one second or less. The valve shall be corrosion resistant. (Sec 7.2, 8.2, 9.1 (c), 9.1 (d)) ⑦



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 Safety Shower / Deluge Shower  
 and Eye Wash Compliance Test Kit
