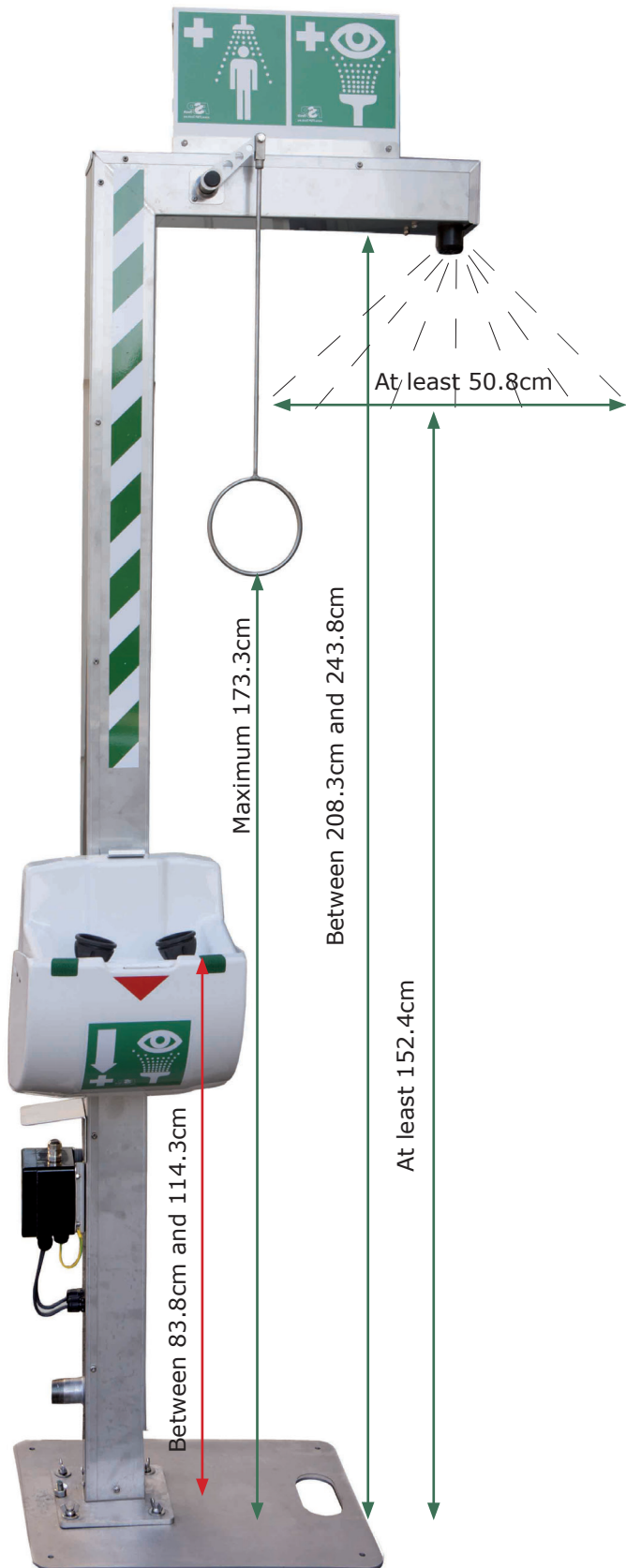


CHECKLIST

ANSI Standards for Emergency Eye Wash and Shower Equipment



- 1.** Are the shower and eyewash constructed of materials that will not corrode in presence of the flushing fluid? (4.1.5)
- 2.** Is the unit on the same level as the hazard, in an accessible obstruction-free location that requires no more than 10 seconds to reach? (4.5.2, 5.4.2)
- 3.** Can both the shower and eyewash components operate simultaneously (7.4.4) and deliver an adequate flow of water while doing so? (4.5.5)
- 4. Control valve - shower and eye/face wash**
 - a) Is the valve actuator easy to use and locate? (4.2, 5.2)
 - b) Does it remain open hands-free? (4.2, 5.2)
 - c) Is it corrosion resistant? (4.2)
 - d) Does it go from off to on in 1 second or less? (4.2, 5.2)
 - e) Does it stay open until intentionally closed? (4.2, 5.2)

5. Water - shower and eye/face wash

- a) Is water delivered at a tepid temperature between 16-38° degrees? (4.5.6, 5.4.6)
- b) Where there is the possibility of freezing, is the shower protected/is frost-protected equipment installed? (4.5.5, 5.4.5)

6. Shower

- a) Is the height of water column between 208.3cm and 243.8 cm above the standing surface? (4.1.3)
- b) Does the shower provide 75.7 litres of water per minute for 15 minutes? (4.1.2, 4.5.5)
- c) Does the spray pattern have a minimum diameter of 50.8cm and is it 152.4cm above the surface on which the user stands? (4.1.4)
- d) Is the centre of the spray pattern at least 40.6cm from any obstruction? (4.5.4)
- e) Is the valve actuation no more than 173.3 cm above the standing surface? (5.2)

7. Eye/face wash

- a) Does the unit deliver at least 1.5 litres of flushing fluid per minute (for eyewash) and 11.4 litres per minute (for face wash) for 15 minutes. (5.1.6, 6.1.6)
- b) Does the unit provide flushing fluid to both eyes simultaneously according to a suitable pattern determined by test gauge? (5.1.8)
- c) Is there enough room for eyelids to be held open with hands? (5.1.7)
- d) Are the nozzles at between at least 83.8cm and no greater than 114.3cm from the standing surface? (5.4.4)
- e) Is the unit at least 15.3cm from the wall or nearest obstruction? (5.4.4)
- f) Are the nozzles and flushing fluid units protected from airborne contaminants? (5.1.3, 6.1.3)