

SHOWER & EYE WASH STANDARDS GUIDE

Legislative obligations

“Adequate & appropriate first aid equipment must be provided”



Common sense across all standards

- Showers must be visible Consider signs & lighting
- Showers must work when needed Frost protection & maintenance
- Showers must be accessible Positioning of shower
- Showers must be easy to operate Easy activation & manual shut off
- Training must be given Should be part of the health & safety policy

ANSI Z358.1



Flow rate body shower: 75 l/min
Flow rate eye wash: 14 l/min
Water Temperature: 14-35°C
Height: 2080-2438mm
Valve: On to off in 1 second

Spray parameters:

508mm at 1524 mm from ground.

Other mandatory factors:

- Maximum 10 second walk away
- Non corrosive material required
- Performance must be tested weekly
- Shower must be on same level as hazard

EN 15154



Flow rate body shower: 60 l/min
Flow rate eye wash: 6 l/min
Water Temperature: none specified
Height: 2100-2300mm
Valve: Work with under 100N force

Spray parameters:

95% within 800mm at ground level
50% in a 400mm at 700mm below the shower head

DIN 12899-3



Differences from EN:

3 classes of shower flow defined:

- Class 1 - 30-60 l/min
- Class 2 - 60-100 l/min
- Class 3 - 100+ l/min



Health & Safety Policy

- Industry specific factors
- Hazard specific factors
- Site specific factors