

EYE WASH STATION

An eye wash station is a critical safety feature in environments where hazardous materials are handled. These stations provide a quick and effective means to wash away harmful substances that may come into contact with the eyes. Whether in a laboratory, manufacturing plant, or construction site, having a functioning eye wash station can prevent severe injuries and save vision. However, despite their importance, eye wash stations can sometimes encounter technical issues that compromise their effectiveness. This article explores the significance of eye wash stations and the common technical problems that can arise.

In many industries, the presence of eye wash stations is mandated by safety regulations. These regulations often specify the type, location, and maintenance requirements of the stations to ensure they are accessible and functional at all times. Compliance with these regulations is not just about adhering to legal requirements but about ensuring the safety and well-being of employees.

Technical Specification:

Item Name:	Eye Wash Station
Product Type:	Safety shower
Water Inlet:	1 Eyewash
Connection:	1 Shower
Water Outlet Connection:	1 Tee
Supply Water Condition:	Supply water Operating Press Operating Temp
Material:	1. Pipe 2. Fitting 3. Flange
Weight:	16 kg
Pressure:	40PSI
Flow:	110LPM
Brand:	Kasweld
Type:	Double Inlet & Single Inlet



Description: Emergency GI safety shower cum Eye wash fountain hand/foot operated. Model: 6250 GI.

1. SHOWER HEAD: Made of highly visible yellow ABS plastic. Shower head must be between 82" to 96" above floor surface. (size - 265 mm)

2. PULL ROD: For supply and control of water flow in shower head. Pull rod should be within 69" height above floor surface. (size - 737 mm)

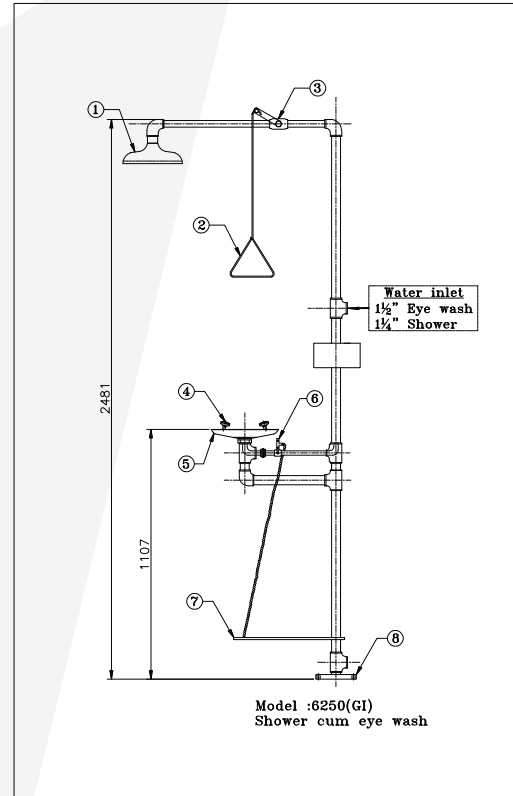
3. EYE WASHED HEAD: Two high-flow sprays, aerated at low pressure, which washes the eye and face. Anti-dust cover protects the head from airborne contaminants and automatically opens with the water pressure. (Distance between two eye wash head-165 mm)

4. EYE WASH BOWL: Highly visible yellow ABS plastic resistant to damage from most acid, alkali and oil (size-298 mm)

5. PUSH TO OPEN VALVE: Its connect unit to uninterrupted water supply of 3 gallons.

6. FOOT PEDAL: For supply and control of water flow in the eye wash head.

7. BASE PLATE: To hold the shower structure in a stable position.(size-180mm)



Conclusion:

Eye wash stations are a vital part of workplace safety, providing essential first aid for eye injuries. However, to ensure they function correctly when needed, it's important to be aware of and address common technical issues. Regular maintenance, routine inspections, and proper training for employees on the use and upkeep of eye wash stations can help maintain their effectiveness and ensure a safe working environment.

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