

Eye Wash Stations

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Safety & First Aid



Photo: Robert Cudmore from Marseille, France — CC BY-SA 2.0 — via Wikimedia Commons (Eye_Wash_Station.jpg)

An eye wash station provides a continuous, gentle flow of clean water to rinse eyes after chemical splashes, dust or particles enter them. Plumbed stations and self-contained portable units must be within seconds of any eye-hazard area and kept in working order.

Key Features

- Plumbed or portable self-contained units
- Angled twin streams for both eyes
- Hands-free operating valves
- Bottle, wall and bench mounted types
- Tested and certified flow rates

Typical Uses in the Workshop

- Flush eyes after chemical splashes
- Rinse dust and particles from eyes
- Support first aid response to eye injuries
- Comply with workshop eye safety standards

Safe Operation

1. Strip off contact lenses if possible while flushing
2. Hold the eyes open under the stream
3. Flush for at least 15 minutes continuously
4. Keep the head tilted and let water run out
5. Seek medical help after flushing

SAFETY NOTES

- Test the station flow regularly
- Keep the route to the station clear
- Do not use the eye wash for anything else
- Keep tanks filled with the correct solution or water
- Check expiry of sealed units

Maintenance & Consumables

- Flush plumbed stations weekly
- Replace portable units on schedule
- Clean the bowls and nozzles
- Check the water temperature is comfortable
- Log tests in the safety records

Specification & Buying Notes

Place eye wash near every chemical, resin and grinding area. Plumbed twin-flow stations suit fixed work areas; sealed bottles suit smaller zones. Buy from a certified first aid supplier and follow the local standard.