

Sample Eyewash/Shower Inspection Procedure

Department: Chemical and General Safety

Program: Hazardous Materials Program

Owner: Program Manager, Matt Padilla

Authority: ES&H Manual, Chapter 40, Chemical Safety

Content based on an existing SLAC internal procedure from the MFD internal website [<http://www-group.slac.stanford.edu/mfd/safetyoffice/bulletin2.html>].

Plumbed Eyewash Stations/Showers (fed from the domestic water supply).

1. Ensure eye wash/shower is clear of obstructions and easily visible from all directions (adequate signage)
2. Flush weekly, and record the flushing on the tag attached to the station.
3. What to check when flushing:
 1. Eyewash protection caps must be in place and in good condition.
 2. The "On"/"Off" valves must be operational, activated by a single motion.
 3. Water flow remains "On" when the operator removes his/her hand.
 4. Water flow flows freely and is directed at the proper angles to flush the eyes or body as appropriate.
4. Run the eyewash/shower for 5 seconds. The running (or collected) water must be clear.
 - * If the water is clear, turn off water and sign the inspection tag.
 - * If the water is cloudy, discolored, or contains sediment, start another 5-second flush; stop; and then continue flushing at 5-second intervals until the water flushes clear. Then initial the inspection tag.
5. Ensure the water used for flushing was captured in a suitable container (such as a plumbed drain, bucket, or large rolling waste can). If any water was spilled on the floor, dry the area before leaving to prevent a slipping hazard.

NOTE: If a plumbed eyewash station does not run clear after repeated flushings, contact your ESH Coordinator or Building Manager immediately.

Self-Contained Eyewash/Shower Stations:

1. All self contained eyewash/shower stations must be filled with a Hydrosep* solution mixed according to the manufacturer's specifications.
2. Procedure for changing-out the flushing solution:
 - The Hydrosep solution must be completely changed out every 6 months. (Weekly flushing is not required.)
 - The inside of the tank must be flushed with fresh water prior to refilling with the new Hydrosep solution so that the tank is free of residue.
 - A record showing the date of the last solution change-out, and initialed by the responsible party, shall be affixed to the exterior of the self-contained unit.
3. Ensure the solution was captured in a suitable container (such as a plumbed drain, bucket, or large rolling waste can). If any solution was spilled on the floor, dry the area before leaving to prevent a slipping hazard.

*Hydrosep Ordering Information

Quantity = 1 carton (of 4 bottles) Vendor = Lab Safety Supply

Part No. = 7B-10089 Phone = 1-800-356-0783

Cost = \$24.75 (list) for one carton Fax = 1-800-543-9910