

Permanent Procedure for Interim Administrative Controls in Case of Eyewash or Safety Showers Pathway Deficiencies

This procedure can be adopted as an interim administrative control, while the correction of a deficient ANSI Z358.1 eyewash/shower pathway is being pursued. Placement of an eyewash and shower in the corrosive chemical use area should be done whenever feasible, instead of reliance on this administrative procedure. Use of this procedure is to be considered a temporary measure, not an end state. If a safety shower and eyewash are not available in the chemical use room and the access to a safety shower and eyewash cannot be made barrier-free by using this procedure, then work involving corrosives may not be performed.

This procedure is only to be used when the following options are not feasible or are in the process of being implemented:

- Discontinue corrosive chemical use.
- Move corrosive chemicals to an area with appropriate eyewash and safety shower.
- Install temporary eyewash and safety shower compliant with ANSI 358.1 design and capable of 15 minute flush.
- Install ANZI Z358.1 compliant plumbed eyewash and shower equipment.

Limitations

- Use of this procedure is only applicable when it does not conflict with requirements governing life safety, etiologic agents, interlocks, radiological control measures, and other regulated hazards.
- Use of this procedure is only applicable when it does not compromise the negative pressure requirement for laboratories. Prior to applying this procedure, the area needs to have an air flow analysis with the door(s) open to verify the negative pressure control of the room(s) is not compromised.

Applicability

This interim procedure is applicable when eye/skin corrosives are handled in closed containers or used outside their containers in a process that is not splash/vapor proof **and**:

- a. The eyewash or safety shower is not located within the contiguous room, and
- b. There is an obstruction in the pathway to the eyewash/shower equipment. Obstructions include doorways, stairs, equipment, supplies, or furniture that block pathways to the eyewash/ shower equipment, and
- c. There is a shower and eyewash accessible within 10 seconds (and 50 feet) with limited/no vision with the only obstruction being a door.

Interim Administrative Controls

1. If both the shower and eyewash are outside the corrosive use area: Doorways are kept open at all times that corrosives are in use so that an unobstructed pathway to the eyewash and/or shower exists.
2. If the eyewash is located in the corrosive use area, but the shower is outside the corrosive use area: Doorways are kept open at all times that corrosives are in use.
3. If the shower is located in the corrosive use area but the eyewash is outside the corrosive use area, either:
 - a. Doorways are kept open at all times that corrosives are in use, or
 - b. A non-plumbed eyewash fountain is used, or
 - c. An eyewash flush bottle is used for immediate flushing, while transferring the victim for the 15 minute flush at the plumbed unit.
4. Indicate on the Hazard Validation Tool that the eyewash and/or safety shower is located in the hallway. The Hazard Information Placard will indicate that the door must remain open when working with corrosive chemicals. See Figure A for sample of the Hazard Information Placard.
5. The appropriate control measure is included in Experimental Safety Review, Work Permits, Facility Risk Assessments, and Internal Control documentation applicable to work planning and control.
6. Workers are trained in the applicable controls prior to working with corrosives.

Figure A: Sample of Hazard Information Placard indicating door to remain open

HAZARD INFORMATION PLACARD/EMERGENCY INFORMATION Safety, Health & Environmental Information			
Bldg: [Sample]	Room: [Sample]	Contact Information	
		Name	Work #
Dept: [Sample]		Cell/Home	
NO FOOD OR DRINK ALLOWED	Rev. Date: 03/23/12 8:56 AM	Primary	[Sample]
		Alt. #1:	
ESR / SWP / RWP / PI: None			
PROTECTIVE EQUIPMENT REQUIRED FOR ENTRY Area Designation: No PPE Required			
HAZARDS OF THE AREA			
 FLAMMABLE SELF REACTIVE	 SELF REACTIVE	 CORROSIVE	 NO OPEN FLAME
None			
ADDITIONAL INFORMATION			
None			
Keep Door Open When Working With Chemicals			
<u>ISOLATION LOCATIONS FOR UTILITIES (IF APPLICABLE)</u>			
Electric:	N/A		
Gas:	N/A		
Steam:	N/A		
Ventilation:	N/A		