

**UNIVERSITY OF ROCHESTER**  
**ENVIRONMENTAL HEALTH & SAFETY**

**APPENDIX 9:**

**EXAMPLE CERTIFICATION OF HAZARD ASSESSMENT for Chemical Laboratory Employee**

Assessment Date:		Department:
Building:		Area:
Job Title: Chemical Laboratory Employee		
<b>Task, Job, Workstation</b>	<b>Potential Hazards</b>	<b>PPE or Controls</b>
Working with low hazard chemicals w/low splash probability (<7500 ml)	Skin and eye irritation	Safety glasses, chemical resistant gloves, lab coat, closed shoe of good structure, long pants. Be aware of the nearest eyewash
Larger quantities of corrosive liquids w/reasonable probability of splash (>1 liter)	Skin and eye damage	Chemical splash goggles or faceshield, neoprene gloves, lab coat, closed shoes, chemical resistant apron
Large volumes of organic solvents (>1 liter)	Significant skin/eye damage; absorption through	Chemical splash goggles or faceshield, heavy resistant gloves, lab coat, closed shoes, chemical resistant apron
Work with of blood/body fluids, other infectious materials	Infection with infectious disease Potential for spread of disease	Safety glasses, goggle, or face shield, nitrile gloves, lab coat, closed shoe, long pants, shoe covers
Work with large volumes of blood/body fluids, other infectious materials	Increased possibility of being infected w/infectious materials	Safety glasses, goggles or face shield, Nitrile gloves, Coverall closed shoe, pants, shoe cover
Working with cryogenic liquids Freezers, dry ice	Major skin, eye and tissue damage, frostbite	Safety glasses and goggles or faceshields for splash hazards, insulated gloves, closed shoe
Working with ultraviolet radiation	Conjunctivitis, corneal eye damage,	UV safety glasses & goggles or UV face shield, nitrile gloves, lab coat, closed shoe, long pants, shoe cover
Working in lab with potential for falling tools or equipment	Head Injury	Hard hat, impact resistant toed shoes
Washing glassware	Skin lacerations from broken glass	Safety glasses, rubber gloves, lab coat
Working with compressed gases	Accidental tip over, stuck against	Gas cylinders must be secured to stationary objects in a safe location away from danger or impact
Mixing, dispensing volatile chemicals	Inhalation of toxic vapors	Perform in fume hood

Other controls or notes: \_\_\_\_\_

CERTIFICATION: I certify this hazard assessment was conducted according to University policy and the signatures below indicate acknowledgement.

\_\_\_\_\_  
Employee Signature:

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Supervisor Signature:

\_\_\_\_\_  
Date: