Information

Hazard Assessment and Personal Protective Equipment Requirements (for General Laboratory Operations)

Effective

August 22, 2013

Applicability

This policy applies to the University Community (administrators, faculty, staff, and students).

Administrative Authority

Senior Associate Vice President for Operations

Responsible Unit

Environmental Health and Safety
University of Louisville
Louisville, KY 40292
502-852-6670
dehsubm@louisville.edu

History

Revision Date(s): August 13, 2015

Reviewed Date(s):

Categories

Statement:

Hazard assessment and personal protective equipment requirements for General Laboratory Operations:

Hazard

Personal Protective Equipment Required

Eye

Face

Hand/Skin/Body

Any laboratory use of chemicals

Safety glasses at all times

Lab coat, long pants, and closed-toed shoes.

Use of corrosive chemicals, strong oxidizing agents, carcinogens, mutagens, etc.

Chemical splash goggles

Full face shield and goggles (for work with over 4 liters of corrosive liquids)

Chemical resistant gloves. Visit the following websites for glove manufacturer information on chemical resistance of glove materials:

- Chemical Resistant Glove Directory
- Microflex
- Ansell

Impervious lab coat, coveralls, apron, protective suit (for work with over 5 gallons corrosive liquids)

Temperature extremes

Insulated gloves for handling ovens, furnaces, cryogenic bath and other devices over 100^{o} C or below -1^{o} C

Sharp objects (broken glass, insertion of tubes or rods into stoppers)

Heavy cloth barrier or leather gloves

NOTE: If other hazards are present, contact the DEHS Laboratory Safety Coordinator at 502-852-2830 to conduct a more specific Personal Protective Equipment Hazard Assessment.

Related Information:

http://louisville.edu/dehs/chemical-safety/chemical-safety-files/laboratory-safety-manual