College of Forestry 300: Laboratory Safety

PURPOSE

The purpose of this section is to provide information to help protect employees and students from the health hazards presented by laboratory chemicals and activities conducted in laboratories.

Background Information

A laboratory is defined as a room or group of rooms under the control of a lab supervisor or principal investigator (PI) where relatively small quantities of hazardous chemicals are used on a non-production basis. Rooms such as computer labs, electronic labs, reading labs are not considered "laboratories" for the purpose of this manual.

Workers performing in laboratory conditions are regulated under Oregon Administrative Rules Oregon Occupational Safety and Health Division, Division 2,

NOTE:

Laboratory safety instructions are often referenced to additional material. These references are located in a section 395 of this manual.
General

- Laboratory safety is the highest priority during all laboratory activities
- Laboratory Safety is an attitude
- Most accidents are the result of complacency and quite often happen to experienced workers
- Safety is a team effort as well as an individual effort

Sections covered in this manual include:

Section 310  General Laboratory Safety and Chemical Hygiene Responsibilities  
Section 320  Personal Protective Equipment  
Section 330  Laboratory Chemicals  
Section 340  Safety Signs and Equipment  
Section 350  Laboratory Training and Hazard Communication  
Section 360  Special Precautions  
Section 370  Medical Attention and Surveillance  
Section 380  Inspections  
Section 390  Record Keeping  
Section 395  Laboratory References