

College of Forestry 320: Personal Protective Equipment

Safety Policy & Procedure Manual
Section 300: Laboratory Safety
Effective: 01 January 2007
Revised: 20 June 2006

PURPOSE

The purpose of this section is to ensure that all persons involved in laboratory activities are properly trained in safe working practices and procedures and b) to ensure that College of Forestry laboratory activities are in compliance with University and OR-OSHA rules and regulations for safety.

Background Information

Laboratory activities that require the use of personal protective equipment (PPE) are regulated under Oregon Administrative Rules Oregon Occupational Safety and Health Division, Division 2, subdivision D (437-007-0300).

All PPE that is required to be supplied by the employer must be made available to all employees and other laboratory workers at all times.

Applicability

All academic, research, students, and visitors in the College of Forestry

Procedure

Personal Protective Equipment

The PPE requirements for each job activity in the laboratory may vary and the supervisor should inform each person under their supervision of the minimum PPE requirements for the activity and insure that each person complies with this.

1. ANSI approved safety glasses are required, at a minimum, when there is a need for eye protection because of handling highly toxic or corrosive chemicals.
2. Chemical goggles and/or a full face shield should be worn during chemical transfer of large quantities of corrosive chemicals.
3. Lab coats should be laundered periodically and shall be removed from the laboratory if there is significant contamination with a hazardous substance. Lab coats are considered protective gear and must not be worn outside laboratory areas (unless in transit between labs).
4. Wear appropriate chemical-resistant gloves ([Reference 4](#)) at all times when hands may come in contact with chemicals. Discard damaged or deteriorated gloves immediately. Gloves must not be worn outside the laboratory and should be removed before touching common equipment such as computers or phones within the laboratory.
5. Wear thermal-resistant (non-asbestos) gloves when handling heated materials and exothermic reaction vessels. Discard damaged or deteriorated gloves immediately.
6. Respirators may be required for certain procedures, as determined by the lab's supervisor/PI in consultation with the Laboratory Chemical Hygiene Officer, based on the OSU Respirator Program ([Reference 6](#)).
7. Closed toe shoes are required at all times.