

## Chemical Hygiene Plan - Appendix A: Definitions

**Action Level** - a concentration designated in 29CFR Part 1910 for a specific substance, calculated as an eight (8)-hour time-weighted average, which initiates certain required activities such as exposure monitoring and medical surveillance.

**American National Standards Institute (ANSI)** - the organization that oversees the development of standards for protective equipment.

**Acute Toxicity** - the adverse effects from a chemical which result either from a single exposure or from multiple exposures in a short period of time (usually less than 24 hours).

**District** - the Portland Community College campuses, centers, and locations in the Portland Metropolitan District.

**Emergency** - any occurrence such as, but not limited to, equipment failure, rupture of containers or failure of control equipment, which results in an uncontrolled release of a hazardous chemical into the workplace.

**Emergency Guides** - the document established for each campus/center to aid in an emergency at that site. See: Public Safety – Emergency Preparedness and Response - Emergency Guides.

**Environmental Health & Safety** - the College department authorized through PCC Board Policy—B507 to maintain a safe and healthy work and educational environment for its employees, students, and visitors by educating, training, and auditing safety issues throughout the College District.

**Exposure** - the contact with a chemical, either directly or through a substance or material contaminated with a chemical, through one or more routes.

**Facilities Management Services (FMS)** - the College's centralized department with the responsibility for maintaining a healthy and safe physical environment through its maintenance, custodial, and grounds operations throughout the District.

**Laboratory** - a facility where the "laboratory use of hazardous chemicals" occurs. It is a workplace where relatively small quantities of hazardous chemicals are used on a non-production basis.

**Laboratory use of hazardous chemicals** - handling or use of such chemicals in which all of the following conditions are met:

- (i) Chemical manipulations are carried out on a "laboratory scale;"
- (ii) Multiple chemical procedures or chemicals are used;
- (iii) The procedures involved are not part of a production process, nor in any way simulate a production process; and
- (iv) Protective laboratory practices and equipment are available and in common use to minimize the potential for employee exposure to hazardous chemicals.

**Medical consultation** - a consultation which takes place between an employee and a licensed physician for the purpose of determining what medical examinations or procedures, if any, are appropriate in cases where a significant exposure to a hazardous chemical may have taken place.

**Mutagenic** - a chemical that causes permanent changes in the amount or structure of the genetic material in a cell.

**OR-OSHA** - the State of Oregon Occupational Safety and Health Administration.

**Permissible Exposure Limits (PEL)** - the legal limit regulated by OR-OSHA for exposure of an employee to a chemical substance.

**Personal Protective Equipment (PPE)** - protective clothing, goggles, or other garments or equipment designed to protect the wearer's body from injury or chemical exposure.

**Purchase Requisition** - the College's purchasing requirement and the form to be used by all College departments for vendor purchases. See: Purchasing.

**Reproductive toxin** - a chemical that affect the reproductive capabilities including adverse effects on sexual function and fertility in adult males and females, as well as adverse effects on the development of offspring.

**Safety Data Sheet (SDS)** - the document issued by the manufacturers of chemicals that lists information relating to occupational safety and health for the use of various substances and products. The sheets are stored in the College's SDS database accessed through the College's Intranet.

**Select Carcinogen** - a chemical which meets one of the following criteria:

- It is regulated by Or-OSHA as a carcinogen
- It is listed under the category "known to be a carcinogen" by the National Toxicology Program (NTP).
- It is listed under the group "carcinogenic to humans" by the International Agency for Research on Cancer Monographs (IARC)
- It is listed in either Group 2A or 2B by IARC or listed under the category "reasonably anticipated to be a carcinogen" by the NTP.

**Threshold Limit Value (TLV)** - the level to which a worker can be exposed day after day for a working lifetime without adverse effects.