

2.0 CHEMICAL SAFETY

2.1 BACKGROUND

Chemical safety is an integral part of a Laboratory Environmental Health and Safety program. This section will outline regulatory requirements, risk and controls associated with chemical usage and ways to minimize potential chemical risks.

2.2 REGULATIONS

It is the policy of the University to provide a safe and healthy workplace in compliance with the Occupational Safety and Health Act of 1970 and with the following regulations:

- OSHA 29 CFR 1910.1450, *Occupational Exposure to Hazardous Chemicals in Laboratories*
- OSHA 29 CFR 1910.1200, *Hazard Communication*
- OSHA Chemical Specific Policies, 29 CFR 1910 Subpart Z, *Toxic and Hazardous Substances*.
- International Air Transport Association and Dangerous Goods Regulations
- U.S. Environmental Protection Agency (EPA) 40 CFR 260 – 272, *Hazardous Waste Management*
- U.S. Department of Transportation (DOT) 49 CFR 172, Subparts H and I, *Hazardous Materials: Security Requirements for Offerors and Transporters of Hazardous Materials*
- U.S. Department of Homeland Security (DHS) 6 CFR 27, *Chemical Facilities Anti-Terrorism Standards (CFATS)*

The full OSHA standard can be found on the following link:

<http://www.osha.gov/comp-links.html>.

2.3 LABORATORY SAFETY COMMITTEE

Safety Committees are a critical component in creating a healthy and safe work environment at University. There are numerous local, state and federal regulatory issues that must be addressed regularly and the committee structure will allow the University to