



Lab Safety Training

Course Description



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## Lab Safety Training (29 CFR 1910.1450)

The objective of the Laboratory Safety Program is to protect employees from the risk of injury by creating a barrier against workplace hazards. Personal protective equipment is not a substitute for good engineering or administrative controls or good work practices, but should be used in conjunction with these controls to ensure the safety and health of employees.

### Objectives

At the end of this Laboratory Safety Training, you should be able to:

Describe the hazards that personnel may encounter during operations at laboratories

Describe general safety practices and precautions to be taken to minimize exposure to hazardous substances

Identify the personal protective equipment that may be necessary for work in a laboratory environment

Identify the emergency information that personnel should know prior to working in a laboratory environment.

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#### Introduction

#### Module 1 - OSHA Overview and Chemical Hygiene Plan

#### Module 2 - Hazard Prevention

#### Module 3 - Bloodborne Pathogens

#### Module 4 - Radiation

#### Module 5 - Chemical Hazards

#### Module 6 - Other Hazards

#### Module 7 - Engineering Controls

#### Module 8 - Personal Protective Equipment

#### Module 9 - Storage of Chemicals

#### Module 10 - Spills

#### Module 11 - Exam