



**BERKELEY LAB**

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**Berkeley Lab Training**

**EHS 330 – Lead Worker Training**

**Course Syllabus**

**Subject Category:** Industrial Hygiene  
**Course Length:** 1.5 hours  
**Delivery Mode:** Web-based Training

**Course Prerequisite:** None  
**Medical Approval:** None  
**Frequency:** Annual

**Course Purpose:** The purpose of this course is to inform employees on the specific hazards associated with their work environment, protective measures which can be taken, including the contents of any compliance plan in effect, the danger of lead to their bodies, and their rights. This course is intended for those employees who may potentially be exposed to lead levels above the OSHA Action Limit of 30 ug/m3.

**Course Objectives:**

Upon completion of this course, participants will be able to:

- Recall work situations that could result in exposure to lead above the action level
- Name the lead exposure routes of entry into the body
- Define the health effects associated with excessive lead exposure
- Recognize the permissible exposure limit and action levels for lead
- Describe the medical programs established to protect employees from lead exposure
- Recall the recommendation for Chelation
- Identify the administrative controls for work with lead exposure
- Identify the engineering controls for work with lead exposure
- Recall the correct personal protective equipment for different lead work situations
- Choose the best work practices associated with work that involves lead exposure
- Locate the resources available to assist lead workers with their work

**Subject Matter Expert:** Kevin Milani

**Instructional Designer:** Brooke Vaughn

**Training Compliance Requirements:** 29CFR 1910.1025 (Appendix A & B) 1926.62.

**Course Instructional Materials:** Web-based course

**Performance Criteria:** Employees will be asked to demonstrate what they have learned from the web-based training by taking a quiz at the end of the course. Employees must pass the quiz with a 80% score to receive course credit.

**WEB Resource:** see LBNL EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>.