



Lawrence Berkeley  
National Laboratory

---

## Berkeley Lab Training Program

---

### EHS 0305 Silica Hazard Awareness

#### Course Syllabus

**Subject Category:** Construction Safety  
**Course Length:** 30 minutes  
**Delivery Mode:** Online

**Course Prerequisite:** No  
**Medical Approval:** No

**Course Purpose:** Purpose is to raise awareness about the health risks that airborne silica dust presents, as well as the tools and methods used as protection. This training is for workers who perform tasks with potential exposure to airborne crystalline silica dust but where the risk is considered low.

#### Objectives:

After successfully completing this course, you should be able to:

- Identify the health hazards associated with exposure to respirable crystalline silica
- List specific work tasks that could expose you to respirable crystalline silica
- Identify if a product you use contains silica or not
- Identify specific measures that LBNL has implemented to protect you from exposure to respirable crystalline silica
- List common medical conditions associated with breathing silica dust
- Identify who in EHS to contact for consultation and questions regarding silica.

**Training Compliance Requirement:** OSHA's [Occupational Exposure to Respirable Crystalline Silica](#); and LBNL's Pub 3000, Chapter 10 and Appendix A (the *LBNL Construction Safety Manual*).

**Retraining/Recertification:** Annual

**WEB Resource:** <http://training.lbl.gov/bltCourses.html>