



BERKELEY LAB

Bringing Science Solutions to the World

Berkeley Lab Training

EHS 0308 Fume hood Safety Briefing

Course Syllabus

Subject Category: EHS / Ventilation Program

Medical Approval: None

Course Prerequisite: None

Course Length: 20 minutes

Course Mode: e-learning

Course Purpose: This course is to orient research staff for how to use a fume hood and its features so that they understand the factors that affect safe operation in accordance with LBNL's EHS ventilation program.

Learning Objectives:

After completing this training, participants will be able to

- Explain the airflow characteristics of a fume hood
- Identify factors that affect or degrade airflow and increase likelihood that hazardous fumes will escape
- Take appropriate action if airflow monitor "alarms"
- Read a quantitative airflow monitor to determine if airflow is within operational range
- Determine date of performance testing and what to do if fume hood is "past date"
- Explain the protection purpose of the sash and how to set appropriate height
- Know who to contact if fume hood is not performing appropriately

Training Requirements: Cal OSHA title 8, Section 5154.1 (f)

Instructor: e-learning

Course Instructional Materials: e-learning

Practical or performance Assessment / Exam: No

Retraining/Recertification: No

Course Evaluation: Feedback form at end of course to collect student feedback