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**Environment, Health, Safety  
Training Program**

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**EHS0171 Pressure Safety Awareness for Research**

**Course Syllabus**

**Subject Category:** Pressure Safety  
**Course Length:** 30 minutes  
**Delivery Mode:** Web-based Training

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

**Course Purpose:** Purpose is to raise awareness of the potential hazards associated with working with pressure systems, and to communicate a simple framework for working safely with pressure in research settings which is (1) to understand the total pressure you will require or create, (2) ensure that the equipment is rated and approved to withstand these pressure(s), (3) make sure equipment has suitable pressure relief, (4) to inspect the equipment prior to use to ensure it is in good working order, (5) ensure you are trained and authorized to work safely with the pressure equipment or system.

**Course Objectives:**

After completing this training, participants should be able to:

- Identify the primary hazards associated with working with pressure systems and the safe work processes and controls used for safe operation.
- Determine Maximum Operating Pressure of the equipment or system you use.
- Determine the Maximum Operating Pressure (MOP) of a system when provided the systems Maximum Allowable Operating Pressure (MAWP).
- Identify purpose, types and use of pressure relief

**Course Instructional Materials:**

- Web-based Presentation, visual guides

**Training Compliance Requirements:**

**Course Handouts:**

**Participant Evaluation:**

**Written Exam:** No

**Practical Exam:** No

**Retraining/Recertification:** No

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