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Environment, Health, & Safety  
Training Program

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**EHS 206 ~ Crane/Hoist Operator-Greater than 2 Tons (4,000 lbs)**

**Course Syllabus**

**Subject Category:** Occupational Safety  
**Course Length:** Four hour lecture plus one hour practical  
**Delivery Mode:** Class  
**Schedule:** Quarterly  
**Location/Time:** As determined by participants

**Course Prerequisite:** No  
**Medical Approval:** Initial, only

**Course Purpose:** This course is designed for those individuals who, as part of their job, need to operate cranes on an incidental basis with a load greater than one ton.

**Course Objectives:** The primary objective of this course is to provide operators with skills and information to safely work with hoist/crane equipment with rigs lifting loads in excess of one ton or greater and within the permitted load range. In addition, the curriculum is designed to educate operators and riggers about the laws and rules governing crane/hoist operations. The course content includes coverage of the following topics: primary and secondary lifting equipment; typical problems encountered at LBNL (such as loads bolted to floors and fixtures); high value/high consequence lifts; lifting limitations as for maintenance and lighting crews.

**Course Instructional Materials:** LBNL PUB-3040 [copy provided]

**Instructors:** Designated instructors from Facilities Dept., AFRD, ALS, Technical Services

**Training Compliance Requirements:** 29 CFR 1090.179

**Course Hand-outs:** LBNL PUB-3040

**Participant Evaluation:** Written evaluations are solicited and analyzed.

**Written Exam:** Written evaluations regarding the effectiveness of the trainer, the training and the visual aids.

**Practical Exam:** Each participant must successfully pass a practical preferably in his/her own work area.

**Retraining/Recertification:** Class every 3 years.