

## Lead Supervisor Syllabus

**Time:** 24 hours

**Maximum Class Size:** 12

**Prerequisites:** Lead Awareness, Lead Abatement Worker

**Course Description:** This course is designed to empower the Lead Supervisor with the skills and knowledge to safely, effectively, and efficiently on a lead abatement job site. It was designed specifically to address both federal and Cal/OSHA Lead in Construction Standards. It will instruct the participant in the proper lead abatement techniques as well as provide safety and health information regarding this hazardous substance. It will provide the new supervisor with guidelines on responsibilities of lead workers and supervisors, health effects, lead regulations, compliance methods and prohibitions, medical surveillance and medical removal protection, PPE, sampling methods for Assessment and Clearance Supervisors, abatement in residential locations, and insurance, bonds and liability. Participants will receive hands-on training in Clearance Sampling using the wipe, paint chip and soil sampling methods.

### Standards Addressed:

OSHA 29 CFR 1926.62	Lead Standard
OSHA 1926.1101 Subpart Z	Toxic and Hazardous Substances
CCR Title 8, Section 1532.1	Cal/OSHA Lead in Construction Standard

### Goals/Objectives/Student Learning Outcomes:

- List the main responsibilities of a Lead Abatement Supervisor
- List the BLL requirements at which an employee shall be removed for work having an exposure at or above the Action Level
- List the BLL requirements at which an employee shall be returned to work having an exposure at or above the Action Level
- List three practices what are prohibited by OSHA in a lead-regulated area
- Complete a Lead-Work Pre-Job Notification in accordance with Title 8 1532.1 (p)(2)
- Demonstrate and explain the proper procedure for performing a positive and negative user seal check on an APR
- List the PPE used by lead abatement workers
- Correctly perform Clearance Sampling using the wipe method
- Correctly prepare a Paint Chip Sample

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- Correctly prepare a Soil Sample

### Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE

### Textbooks/Readings/Materials

- LIUNA Training & Education *Lead Supervisor* IG with Laborers Training School Lead 24-Hour Supplement (CA)
- LIUNA Training & Education *Lead Abatement Supervisor* PG (CA)
- LIUNA Lead Supervisor Student Handout Packet
- LIUNA Lead Abatement Supervisor Power Point
- DVD: *Lead in Construction Medical Surveillance*
- Markers

### Tools/Equipment/Other Materials:

- Wipe material-1 box per pair
- Non-sterilized, non-powered gloves-1 box per pair
- Hard-shelled containers-4-6 per pair
- 5" x 8" zip-lock baggies
- Masking tape
- Labels for tubes
- Permanent markers
- 4-mil plastic sheeting
- Plastic trash bags
- Measuring tapes
- Field sampling/lab submittal forms
- Collection device for paint chips
- Heat gun (max temperature below 1100°F)
- Extension cord
- GFCI
- Sharp stainless steel putty knife
- Core sampling device
- Spackling and/or lead-free paint

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### Personal Protective Equipment:

- 12 pairs of gloves
- 12 pairs of safety glasses
- 20 pairs of earplugs
- 12 hard hats
- 6 Filtering facepieces
- 6 Half-face APRs
- 6 FFAPRs
- 6 PAPRs
- 1 Air-line SAR
- 1 SAR with escape bottle

### Course Requirements:

To receive credit for the course, participants must:

- Be present for full twenty-four hours
- Participate in all classroom exercises
- Pass a written exam
- Pass hands-on exams

### Course Policies

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment
- Participants who are on “light duty” are not allowed to take this course due to the physically demanding requirements.

### Assessment and Grading

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

### Safety

Failure to maintain and use PPE may result in dismissal from the course.