



Lead-Based Paint Management

INDUSTRIAL HYGIENE

The EI Group, Inc. (EI) has extensive experience in conducting lead-based paint (LBP) inspections, risk assessment, design, and monitoring. Depending on client needs, EI utilizes either X-Ray Fluorescence (XRF) technology or atomic absorption spectroscopy for the analysis of lead in paint during inspections.

Some of our specific client services include:

- » Inspection
- » Risk Assessment
- » Waste Disposal Determination
- » Interim Controls and Abatement Design
- » Lead Clearance Sampling

Through the EI Training and Compliance Center, EI also provides training to those involved in lead inspection and abatement projects.

Offered courses include:

- » Lead-OSHA General Awareness
- » Lead Supervisor Course
- » Lead Inspector/Risk Assessor

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LBP
Management

EI has been providing lead-based paint management services for over 20 years to homes, apartment complexes, schools, and childcare facilities. EI personnel have performed these services across the country.

Inspection

A lead inspection is designed to answer two questions, “Is there lead-based paint (LBP) present?” and “Where is the lead-based paint?” Surveying a housing or commercial unit for lead-based paint is typically performed using X-Ray Fluorescence analyzer, called an XRF. Paint or other coatings with lead levels above an established threshold are considered lead-based. A final LBP Inspection Report identifies all surfaces with lead-based paint, but does not provide the consumer with information about the condition of the paint, the presence of lead contaminated dust or soil, or options for controlling any hazards found.

Risk Assessment

Lead risk assessments are conducted based on guidelines established by the U.S. Dept. of Housing and Urban Development coupled with our extensive experience of providing lead consulting to various clients. A lead based paint risk assessment is conducted to determine whether lead-based paint hazards exist and, if so, provide solutions on reducing and managing such hazards until complete abatement takes place.

A lead-based paint hazard is any condition that causes exposure to lead from lead-contaminated dust, soil or paint that is deteriorated or present on accessible, friction, or impact surfaces that would result in adverse human health effects.

At EI, our staff are highly skilled at identifying potential lead-based paint hazards and then using XRF testing, dust wipe testing and soil sampling to determine where lead hazards exist. Our risk assessment reports are designed to be easily understood with common sense and cost effective recommendations for dealing with identified lead hazards.

EPA's Lead Renovation, Repair and Painting (RRP) Rule

Common renovation activities like sanding, cutting, and demolition can create hazardous lead dust and chips by disturbing lead-based paint, which can be harmful to adults and children.

To protect against this risk, on April 22, 2008, EPA issued a rule requiring the use of lead-safe practices and other actions aimed at preventing lead poisoning. Under the rule, beginning April 22, 2010, contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination.

EPA requires that firms performing renovation, repair, and painting projects that disturb lead-based paint in pre-1978 homes, child care facilities and schools be certified by EPA and that they use certified renovators who are trained by EPA-approved training providers to follow lead-safe work practices. Individuals can become certified renovators by taking an eight-hour training course from an EPA-approved training provider like The EI Group.

