

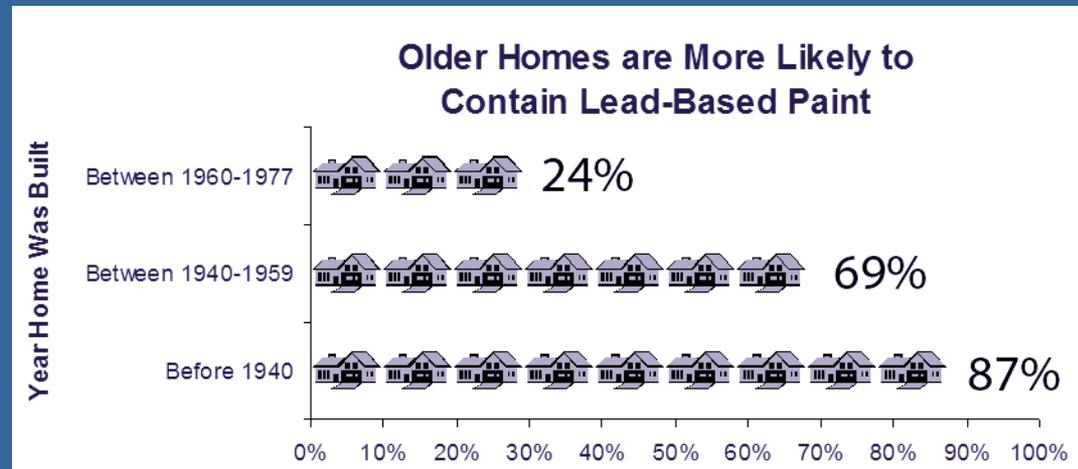
Lead-Based Paint Renovation, Repair, and Painting

EPA's RRP Rule
October 2018



Lead-based Paint in Homes

- More than 30 million homes still have lead-based paint.
- The older the home, the more likely it is to contain lead-based paint.



How Does Lead Get into the Body

- People, especially children, can swallow lead dust as they eat, play, and perform other ordinary hand-to-mouth activities.
- People may also breathe in lead dust or fumes while they work on jobs that sand, scrape, brush, blast or otherwise disturb painted surfaces that contain lead paint.

Lead Effects on Human Health

- In children, lead causes adverse health affect including attention-related behavioral problems, greater incidence of problem behaviors, decreased cognitive performance, reduced post-natal growth, delayed puberty and decreased kidney function.
- Renovation activities are associated with an increased risk of elevated lead levels in children.

The Renovation, Repair, and Painting Rule (RRP)

- Rule addresses lead-based paint hazards created by renovation, repair, and painting activities that disturb lead-based paint in “target housing” and “child-occupied facilities.”

To Whom does the RRP Apply

- In general, anyone who is paid to perform work that disturbs paint in housing and child-occupied facilities (COFs) built before 1978, this may include:
 - Residential rental property owners/managers.
 - General contractors.
 - Special trade contractors, including painters, plumbers, carpenters & electricians.

What Activities are Covered

- In general, any activity that disturbs paint in pre-1978 housing and COFs, including:
 - Remodeling and repair/maintenance.
 - Electrical work.
 - Plumbing.
 - Painting preparation.
 - Carpentry.
 - Window replacement.

What is Excluded

- Housing built in 1978 or later.
- Housing for elderly or disabled persons, unless children under 6 reside or are expected to reside there.
- Zero-bedroom dwellings (studio apartments, dormitories, etc.).
- Housing or components that have been declared lead-free.

What is Excluded (cont'd)

- Minor repair and maintenance activities that disturb 6 square feet or less of paint per room inside, or 20 square feet or less on the exterior of a home or building.
- Note: minor repair and maintenance activities do not include window replacement and projects involving demolition or prohibited practices.

Principal Components

- Accreditation of training providers.
- Certification of renovators and firms.
- Pre-renovation Education.
- Work practice standards.
- Applies nationally, except in States and Tribes that seek authorization to run their own programs.

EPA Accreditation

- To be accredited for renovator or sampling technician training, trainers must submit an application and fee to EPA.
- Trainers must be re-accredited every 4 years.
- Initial course must last a minimum of 8 hours, refresher course must be at least 4 hours.
- Must provide EPA training notification.

EPA Certification

- Firms submit an application and fee to EPA.
- Renovators and Dust Sampling Technicians
 - Must take 8-hr accredited training course.
 - Course certificate serves as certification (no application to EPA required).
- Must be recertified every 3 to 5 years.

Pre-renovation Education

- Firms who perform renovations must distribute EPA's Renovate Right pamphlet before starting renovation work to occupants and owners of homes and COFs.
- Firms must also notify residents of work in common areas and parents when working in COFs by either distributing renovation notices or posting informational signs.

Work Practice Standards

General

- Post signs defining the work area.
- Contain the work area so that no dust or debris can leave the area.
- Certain practices are prohibited:
 - open-flame burning or torching.
 - machines that remove paint, unless equipped with HEPA exhaust control.
 - operating a heat gun above 1100°F.



Work Practice Standards

Cleaning and Verification

- Cleaning
 - Must clean the work area until no dust, debris or residue remains.
- Verification of cleanliness
 - Verification procedure, or
 - Clearance testing.



Enforcement

- EPA may suspend or revoke a firm's certification or a trainer's accreditation if found to be non-compliant.
- In addition, non-compliance can lead to civil and criminal penalties of up to \$38,892 per violation, imprisonment, or both.

Resources

- [RRP contractors page](#)
 - How to apply for firm certification
 - Renovator training
 - Resources
- Helpful documents
 - [Renovate Right](#)
 - [Steps Brochure](#)
 - [Compliance Guide](#)

Questions

- [EPA's Lead Paint Program Website](#)
- [Frequent Questions about the Lead Program](#)
- [Contact the Lead Hotline](#)
- [EPA Regional Contacts](#)

Thank You for Your Time!

Mike Wilson

National Program Chemicals Division
U.S. Environmental Protection Agency

www.epa.gov/lead