

Home Inspection

HOMEBUYING FOUNDATIONS

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DEVELOPING THRIVING COMMUNITIES

Inspection Vocabulary

Breaker Box – A metal box that contains circuit breakers or fuses that control the electrical current in the home.

Circuit Breaker – The safety valves for electrical systems. It interrupts an electric circuit when an unusual condition arises such as lightning and malfunctioning appliances. Unlike a fuse, it can be reset.

Crawl Space – Shallow space between the underside of the first floor of a house and the ground.

Cutoff Valves – Valves used to shut water off, generally located under sinks or behind bathtub and shower access panels. They cutoff hot and/or cold water at the source without cutting all water off throughout the house.

Fuse Box – A metal box that contains the fuses that regulate electric current in a house.

HVAC – Heating, ventilating and air conditioning system.

Lead – A material used in pipes and paint of many older homes. We now know that lead is hazardous to health.

Professional Inspection – An inspection performed by a specially trained inspector to provide a comprehensive report on the condition of a house. The report is usually written and is often used in home sale negotiations.

Rvalue – A measurement of the ability of insulation to slow the transfer of heat or cold. The higher the Rvalue, the greater the insulation power.

Radon – A colorless, odorless gas that is emitted from soils, rocks and water as a result of radioactive decay in certain areas of the country. Radon is known to cause cancer. Homes should be tested for radon.

Weather Stripping – Made of various materials used to reduce the escape of heat or air conditioning from a home. It is usually installed around windows and doors.

Source: <http://www.oldhouseweb.com/how-to-advice/a-glossary-of-home-inspection-terms.shtml>

devNW.org



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CAUTION

U.S. Department of
Housing and Urban
Development
Federal Housing Administration (FHA)



OMB Approval No: 2502-0538 (exp. 04/30/2018)

For Your Protection: Get a Home Inspection

Why a Buyer Needs a Home Inspection

A home inspection gives the buyer more detailed information about the overall condition of the home prior to purchase. In a home inspection, a qualified inspector takes an in-depth, unbiased look at your potential new home to:

Evaluate the physical condition: structure, construction, and mechanical systems; Identify items that need to be repaired or replaced; and Estimate the remaining useful life of the major systems, equipment, structure, and finishes.

You Must Ask for a Home Inspection

A home inspection will only occur if you arrange for one. FHA does not perform a home inspection.

Decide early. You may be able to make your contract contingent on the results of the inspection.

Appraisals are Different from Home Inspections

An appraisal is different from a home inspection and does not replace a home inspection. Appraisals estimate the value of the property for lenders. An appraisal is required to ensure the property is marketable. Home inspections evaluate the condition of the home for buyers.

FHA Does Not Guarantee the Value or Condition of your Potential New Home

If you find problems with your new home after closing, FHA cannot give or lend you money for repairs, and FHA cannot buy the home back from you. Ask a qualified home inspector to inspect your potential new home and give you the information you need to make a wise decision.

Radon Gas Testing and other safety/health issues

The United States Environmental Protection Agency and the Surgeon General of the United States have recommended that all houses should be tested for radon. For more information on radon testing, call the toll-free National Radon Information Line at 1-800-SOS-Radon or 1-800-767-7236.

Ask your home inspector about additional health and safety tests that may be relevant for your home.

Be an Informed Buyer

It is your responsibility to be an informed buyer. You have the right to carefully examine your potential new home with a qualified home inspector. To find a qualified home inspector ask for references from friends, realtors, local licensing authorities and organizations that qualify and test home inspectors.



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Oregon

Home Inspection Consumer Notice

This Notice is provided to you in accordance with (OAR 812-008-0202(2)(d))

Who needs to be certified?

Oregon law requires individuals who bid, offer to perform or perform home inspections of two or more categories below, to be certified by the Oregon Construction Contractors Board (CCB).

Plumbing *Electrical* *Exterior and site* *Roofing* *Central Air Conditioning*
Interiors *Structural* *Insulation and Ventilation* *Heating* *Built-in Kitchen Appliances*

Individuals must pass a comprehensive test to become certified and must complete continuing education courses to renew the certification.

Is a CCB license required?

Businesses that perform home inspections must be licensed with the CCB as a Residential General, Residential Specialty Contractor or a Home Inspection Specialty Contractor. The bond and liability insurance amounts will correspond accordingly. Licensing and certification do not guarantee quality of work. Licensing offers some financial protection for you, the customer.

How do I check a home inspector?

To check a home inspection business, get the business' CCB license number and the home inspector certification number (OCHI). Visit us on-line at www.oregon.gov/CCB or call 503-378-4621 to verify the license and certification are active.

What should I know about a Home Inspection?

1. Home inspections are performed for the individual who contracted for the inspection. They may not be used or relied on by others. (Example: a home buyer may not use or rely on an inspection report that was contracted by the homes seller).
2. Home inspectors are governed by Standards of Practice and Behavior that list what a home inspector can and can't do. OAR 812-008-0200 - OAR 812-008-0214.
3. A written contract is required of all home inspections. Contracts should be read carefully as they may contain arbitration clause or a clause that limits the inspector's liability.

How can the CCB help?

The CCB provides consumer protection and regulates the home inspection industry. If you have a problem with your licensed home inspection businesses, the CCB may be able to help.

You may file a complaint with the Construction Contractors Board against the licensed business if:

1. There is a direct contract between you and the licensee and,
2. It's been within one year from the time the inspection was performed.

Complaints filed against unlicensed businesses or home inspection businesses using uncertified individuals to perform inspections are sent to the CCB's Enforcement Section, but will probably not result in direct benefit to the complainant.

How can you reach the CCB?

Mail: PO Box 14140, Salem, OR 97309-5052
Location: 700 Summer St. NE, Suite 300, Salem
www.oregon.gov/ccb

Ten Important Questions to Ask Your Home Inspector

1. What does your inspection cover? The inspector should ensure that their inspection and inspection report will meet all applicable requirements in your state if applicable and will comply with a well-recognized standard of practice and code of ethics. You should be able to request and see a copy of these items ahead of time and ask any questions you may have. If there are any areas you want to make sure are inspected, be sure to identify them upfront.

2. How long have you been practicing in the home inspection profession and how many inspections have you completed? The inspector should be able to provide his or her history in the profession and perhaps even a few names as referrals. Newer inspectors can be very qualified, and many work with a partner or have access to more experienced inspectors to assist them in the inspection.

3. Are you specifically experienced in residential inspection? Related experience in construction or engineering is helpful, but is no substitute for training and experience in the unique discipline of home inspection. If the inspection is for a commercial property, then this should be asked about as well.

4. Do you offer to do repairs or improvements based on the inspection? Some inspector associations and state regulations allow the inspector to perform repair work on problems uncovered in the inspection. Other associations and regulations strictly forbid this as a conflict of interest.

5. How long will the inspection take? The average on-site inspection time for a single inspector is two to three hours for a typical single-family house; anything significantly less may not be enough time to perform a thorough inspection. Additional inspectors may be brought in for very large properties and buildings.

6. How much will it cost? Costs vary dramatically, depending on the region, size and age of the house, scope of services and other factors. A typical range might be \$300-\$500, but consider the value of the home inspection in terms of the investment being made. Cost does not necessarily reflect quality. HUD Does not regulate home inspection fees.

7. What type of inspection report do you provide and how long will it take to receive the report? Ask to see samples and determine whether or not you can understand the inspector's reporting style and if the time parameters fulfill your needs. Most inspectors provide their full report within 24 hours of the inspection.

8. Will I be able to attend the inspection? This is a valuable educational opportunity, and an inspector's refusal to allow this should raise a red flag. Never pass up this opportunity to see your prospective home through the eyes of an expert.

9. Do you maintain membership in a professional home inspector association? There are many state and national associations for home inspectors. Request to see their membership ID, and perform whatever due diligence you deem appropriate.

10. Do you participate in continuing education programs to keep your expertise up to date? One can never know it all, and the inspector's commitment to continuing education is a good measure of his or her professionalism and service to the consumer. This is especially important in cases where the home is much older or includes unique elements requiring additional or updated training.

Home Maintenance Checklist

Year: _____

Spring	Fall	Periodic
<input type="checkbox"/> Clean Windows and Repair Screens	<input type="checkbox"/> Check and Seal Windows	<input type="checkbox"/> Weatherproof Doors
<input type="checkbox"/> Unclog and Secure Gutters and Downspouts	<input type="checkbox"/> Upgrade to a programmable Thermostat	<input type="checkbox"/> Pressure Wash Deck
<input type="checkbox"/> Regrade Around Foundation	<input type="checkbox"/> Check and Clean Humidifier	<input type="checkbox"/> Pressure Wash Siding
<input type="checkbox"/> Test Sump Pump	<input type="checkbox"/> Close Critter Entrances	<input type="checkbox"/> Lubricate Door Hinges and Hardware
<input type="checkbox"/> Clean AC System	<input type="checkbox"/> Shut Off Hoses Bibs	<input type="checkbox"/> Roof Shingles
<input type="checkbox"/> Inspect and Maintain Laundry Room	<input type="checkbox"/> Check and Maintain Dishwasher	<input type="checkbox"/> Check and Recaulk Flashing
<input type="checkbox"/> Check Attic Room	<input type="checkbox"/> Clean Out Gutters	<input type="checkbox"/> Repair and Reseal Driveway
<input type="checkbox"/> Test GFCI Outlets	<input type="checkbox"/> Clean Outdoor Drains	<input type="checkbox"/> Check Life Expectancy of Appliances
<input type="checkbox"/> Change Furnace Filters	<input type="checkbox"/> Clear Out Sink Drains	<input type="checkbox"/>
<input type="checkbox"/> Change Batteries in Carbon Monoxide and Smoke Detectors	<input type="checkbox"/> Change Furnace Filters	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> Test Carbon Monoxide and Smoke Detectors	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Summer	Winter	<input type="checkbox"/>
<input type="checkbox"/> Clean and Care for Deck	<input type="checkbox"/> Check and Upgrade Insulation	<input type="checkbox"/>
<input type="checkbox"/> Clean Siding	<input type="checkbox"/> Check and Maintain Furnace	<input type="checkbox"/>
<input type="checkbox"/> Check Crawlspace	<input type="checkbox"/> Vacuum Air Registers	<input type="checkbox"/>
<input type="checkbox"/> Maintain Yard Growth	<input type="checkbox"/> Check and Flush Water Heater	<input type="checkbox"/>
<input type="checkbox"/> Test and Lubricate Garage Door	<input type="checkbox"/> Recaulk Bathtub	<input type="checkbox"/>
<input type="checkbox"/> Remove Rust on Railings	<input type="checkbox"/> Maintain Fireplace and Chimney	<input type="checkbox"/>
<input type="checkbox"/> Check Skylights	<input type="checkbox"/> Check Crawlspace	<input type="checkbox"/>
<input type="checkbox"/> Clean Shower Heads	<input type="checkbox"/> Replenish Flashlight Batteries	<input type="checkbox"/>
<input type="checkbox"/> Change Furnace Filters	<input type="checkbox"/> Check Gutters for Ice	<input type="checkbox"/>
<input type="checkbox"/> Test Carbon Monoxide and Smoke Detectors	<input type="checkbox"/> Change Furnace Filters	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> Test Carbon Monoxide and Smoke Detectors	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Protect Your Family From Lead in Your Home



United States
Environmental
Protection Agency



United States
Consumer Product
Safety Commission



United States
Department of Housing
and Urban Development

Are You Planning to Buy or Rent a Home Built Before 1978?

Did you know that many homes built before 1978 have **lead-based paint**? Lead from paint, chips, and dust can pose serious health hazards.

Read this entire brochure to learn:

- How lead gets into the body
- How lead affects health
- What you can do to protect your family
- Where to go for more information

Before renting or buying a pre-1978 home or apartment, federal law requires:

- Sellers must disclose known information on lead-based paint or lead-based paint hazards before selling a house.
- Real estate sales contracts must include a specific warning statement about lead-based paint. Buyers have up to 10 days to check for lead.
- Landlords must disclose known information on lead-based paint or lead-based paint hazards before leases take effect. Leases must include a specific warning statement about lead-based paint.

If undertaking renovations, repairs, or painting (RRP) projects in your pre-1978 home or apartment:

- Read EPA's pamphlet, *The Lead-Safe Certified Guide to Renovate Right*, to learn about the lead-safe work practices that contractors are required to follow when working in your home (see page 12).



Simple Steps to Protect Your Family from Lead Hazards

If you think your home has lead-based paint:

- Don't try to remove lead-based paint yourself.
- Always keep painted surfaces in good condition to minimize deterioration.
- Get your home checked for lead hazards. Find a certified inspector or risk assessor at [epa.gov/lead](https://www.epa.gov/lead).
- Talk to your landlord about fixing surfaces with peeling or chipping paint.
- Regularly clean floors, window sills, and other surfaces.
- Take precautions to avoid exposure to lead dust when remodeling.
- When renovating, repairing, or painting, hire only EPA- or state-approved Lead-Safe certified renovation firms.
- Before buying, renting, or renovating your home, have it checked for lead-based paint.
- Consult your health care provider about testing your children for lead. Your pediatrician can check for lead with a simple blood test.
- Wash children's hands, bottles, pacifiers, and toys often.
- Make sure children eat healthy, low-fat foods high in iron, calcium, and vitamin C.
- Remove shoes or wipe soil off shoes before entering your house.

Lead Gets into the Body in Many Ways

Adults and children can get lead into their bodies if they:

- Breathe in lead dust (especially during activities such as renovations, repairs, or painting that disturb painted surfaces).
- Swallow lead dust that has settled on food, food preparation surfaces, and other places.
- Eat paint chips or soil that contains lead.

Lead is especially dangerous to children under the age of 6.

- At this age, children's brains and nervous systems are more sensitive to the damaging effects of lead.
- Children's growing bodies absorb more lead.
- Babies and young children often put their hands and other objects in their mouths. These objects can have lead dust on them.



Women of childbearing age should know that lead is dangerous to a developing fetus.

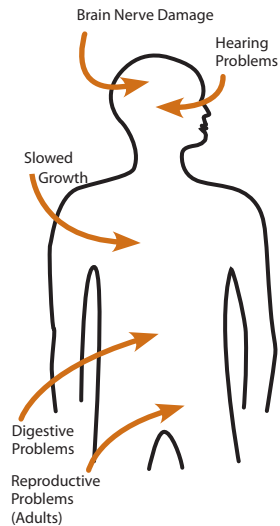
- Women with a high lead level in their system before or during pregnancy risk exposing the fetus to lead through the placenta during fetal development.

Health Effects of Lead

Lead affects the body in many ways. It is important to know that even exposure to low levels of lead can severely harm children.

In children, exposure to lead can cause:

- Nervous system and kidney damage
- Learning disabilities, attention-deficit disorder, and decreased intelligence
- Speech, language, and behavior problems
- Poor muscle coordination
- Decreased muscle and bone growth
- Hearing damage



While low-lead exposure is most common, exposure to high amounts of lead can have devastating effects on children, including seizures, unconsciousness, and in some cases, death.

Although children are especially susceptible to lead exposure, lead can be dangerous for adults, too.

In adults, exposure to lead can cause:

- Harm to a developing fetus
- Increased chance of high blood pressure during pregnancy
- Fertility problems (in men and women)
- High blood pressure
- Digestive problems
- Nerve disorders
- Memory and concentration problems
- Muscle and joint pain

Check Your Family for Lead

Get your children and home tested if you think your home has lead.

Children's blood lead levels tend to increase rapidly from 6 to 12 months of age, and tend to peak at 18 to 24 months of age.

Consult your doctor for advice on testing your children. A simple blood test can detect lead. Blood lead tests are usually recommended for:

- Children at ages 1 and 2
- Children or other family members who have been exposed to high levels of lead
- Children who should be tested under your state or local health screening plan

Your doctor can explain what the test results mean and if more testing will be needed.

Where Lead-Based Paint Is Found

In general, the older your home or childcare facility, the more likely it has lead-based paint.¹

Many homes, including private, federally-assisted, federally-owned housing, and childcare facilities built before 1978 have lead-based paint. In 1978, the federal government banned consumer uses of lead-containing paint.²

Learn how to determine if paint is lead-based paint on page 7.

Lead can be found:

- In homes and childcare facilities in the city, country, or suburbs,
- In private and public single-family homes and apartments,
- On surfaces inside and outside of the house, and
- In soil around a home. (Soil can pick up lead from exterior paint or other sources, such as past use of leaded gas in cars.)

Learn more about where lead is found at [epa.gov/lead](https://www.epa.gov/lead).

¹ “Lead-based paint” is currently defined by the federal government as paint with lead levels greater than or equal to 1.0 milligram per square centimeter (mg/cm²), or more than 0.5% by weight.

² “Lead-containing paint” is currently defined by the federal government as lead in new dried paint in excess of 90 parts per million (ppm) by weight.

Identifying Lead-Based Paint and Lead-Based Paint Hazards

Deteriorated lead-based paint (peeling, chipping, chalking, cracking, or damaged paint) is a hazard and needs immediate attention. **Lead-based paint** may also be a hazard when found on surfaces that children can chew or that get a lot of wear and tear, such as:

- On windows and window sills
- Doors and door frames
- Stairs, railings, banisters, and porches

Lead-based paint is usually not a hazard if it is in good condition and if it is not on an impact or friction surface like a window.

Lead dust can form when lead-based paint is scraped, sanded, or heated. Lead dust also forms when painted surfaces containing lead bump or rub together. Lead paint chips and dust can get on surfaces and objects that people touch. Settled lead dust can reenter the air when the home is vacuumed or swept, or when people walk through it. EPA currently defines the following levels of lead in dust as hazardous:

- 10 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) and higher for floors, including carpeted floors
- 100 $\mu\text{g}/\text{ft}^2$ and higher for interior window sills

Lead in soil can be a hazard when children play in bare soil or when people bring soil into the house on their shoes. EPA currently defines the following levels of lead in soil as hazardous:

- 400 parts per million (ppm) and higher in play areas of bare soil
- 1,200 ppm (average) and higher in bare soil in the remainder of the yard

Remember, lead from paint chips—which you can see—and lead dust—which you may not be able to see—both can be hazards.

The only way to find out if paint, dust, or soil lead hazards exist is to test for them. The next page describes how to do this.

Checking Your Home for Lead

You can get your home tested for lead in several different ways:

- A lead-based paint **inspection** tells you if your home has lead-based paint and where it is located. It won't tell you whether your home currently has lead hazards. A trained and certified testing professional, called a lead-based paint inspector, will conduct a paint inspection using methods, such as:
 - Portable x-ray fluorescence (XRF) machine
 - Lab tests of paint samples
- A **risk assessment** tells you if your home currently has any lead hazards from lead in paint, dust, or soil. It also tells you what actions to take to address any hazards. A trained and certified testing professional, called a risk assessor, will:
 - Sample paint that is deteriorated on doors, windows, floors, stairs, and walls
 - Sample dust near painted surfaces and sample bare soil in the yard
 - Get lab tests of paint, dust, and soil samples
- A combination inspection and risk assessment tells you if your home has any lead-based paint and if your home has any lead hazards, and where both are located.



Be sure to read the report provided to you after your inspection or risk assessment is completed, and ask questions about anything you do not understand.

Checking Your Home for Lead, continued

In preparing for renovation, repair, or painting work in a pre-1978 home, Lead-Safe Certified renovators (see page 12) may:

- Take paint chip samples to determine if lead-based paint is present in the area planned for renovation and send them to an EPA-recognized lead lab for analysis. In housing receiving federal assistance, the person collecting these samples must be a certified lead-based paint inspector or risk assessor
- Use EPA-recognized tests kits to determine if lead-based paint is absent (but not in housing receiving federal assistance)
- Presume that lead-based paint is present and use lead-safe work practices

There are state and federal programs in place to ensure that testing is done safely, reliably, and effectively. Contact your state or local agency for more information, visit [epa.gov/lead](https://www.epa.gov/lead), or call **1-800-424-LEAD (5323)** for a list of contacts in your area.³

³ Hearing- or speech-challenged individuals may access this number through TTY by calling the Federal Relay Service at 1-800-877-8339.

What You Can Do Now to Protect Your Family

If you suspect that your house has lead-based paint hazards, you can take some immediate steps to reduce your family's risk:

- If you rent, notify your landlord of peeling or chipping paint.
- Keep painted surfaces clean and free of dust. Clean floors, window frames, window sills, and other surfaces weekly. Use a mop or sponge with warm water and a general all-purpose cleaner. (Remember: never mix ammonia and bleach products together because they can form a dangerous gas.)
- Carefully clean up paint chips immediately without creating dust.
- Thoroughly rinse sponges and mop heads often during cleaning of dirty or dusty areas, and again afterward.
- Wash your hands and your children's hands often, especially before they eat and before nap time and bed time.
- Keep play areas clean. Wash bottles, pacifiers, toys, and stuffed animals regularly.
- Keep children from chewing window sills or other painted surfaces, or eating soil.
- When renovating, repairing, or painting, hire only EPA- or state-approved Lead-Safe Certified renovation firms (see page 12).
- Clean or remove shoes before entering your home to avoid tracking in lead from soil.
- Make sure children eat nutritious, low-fat meals high in iron, and calcium, such as spinach and dairy products. Children with good diets absorb less lead.

Reducing Lead Hazards

Disturbing lead-based paint or removing lead improperly can increase the hazard to your family by spreading even more lead dust around the house.

- In addition to day-to-day cleaning and good nutrition, you can **temporarily** reduce lead-based paint hazards by taking actions, such as repairing damaged painted surfaces and planting grass to cover lead-contaminated soil. These actions are not permanent solutions and will need ongoing attention.
- You can minimize exposure to lead when renovating, repairing, or painting by hiring an EPA- or state-certified renovator who is trained in the use of lead-safe work practices. If you are a do-it-yourselfer, learn how to use lead-safe work practices in your home.
- To remove lead hazards permanently, you should hire a certified lead abatement contractor. Abatement (or permanent hazard elimination) methods include removing, sealing, or enclosing lead-based paint with special materials. Just painting over the hazard with regular paint is not permanent control.



Always use a certified contractor who is trained to address lead hazards safely.

- Hire a Lead-Safe Certified firm (see page 12) to perform renovation, repair, or painting (RRP) projects that disturb painted surfaces.
- To correct lead hazards permanently, hire a certified lead abatement contractor. This will ensure your contractor knows how to work safely and has the proper equipment to clean up thoroughly.

Certified contractors will employ qualified workers and follow strict safety rules as set by their state or by the federal government.

Reducing Lead Hazards, continued

If your home has had lead abatement work done or if the housing is receiving federal assistance, once the work is completed, dust cleanup activities must be conducted until clearance testing indicates that lead dust levels are below the following levels:

- 10 micrograms per square foot ($\mu\text{g}/\text{ft}^2$) for floors, including carpeted floors
- 100 $\mu\text{g}/\text{ft}^2$ for interior windows sills
- 400 $\mu\text{g}/\text{ft}^2$ for window troughs

Abatements are designed to permanently eliminate lead-based paint hazards. However, lead dust can be reintroduced into an abated area.

- Use a HEPA vacuum on all furniture and other items returned to the area, to reduce the potential for reintroducing lead dust.
- Regularly clean floors, window sills, troughs, and other hard surfaces with a damp cloth or sponge and a general all-purpose cleaner.

Please see page 9 for more information on steps you can take to protect your home after the abatement. For help in locating certified lead abatement professionals in your area, call your state or local agency (see pages 15 and 16), [epa.gov/lead](https://www.epa.gov/lead), or call 1-800-424-LEAD.

Renovating, Repairing or Painting a Home with Lead-Based Paint

If you hire a contractor to conduct renovation, repair, or painting (RRP) projects in your pre-1978 home or childcare facility (such as pre-school and kindergarten), your contractor must:

- Be a Lead-Safe Certified firm approved by EPA or an EPA-authorized state program
- Use qualified trained individuals (Lead-Safe Certified renovators) who follow specific lead-safe work practices to prevent lead contamination
- Provide a copy of EPA's lead hazard information document, *The Lead-Safe Certified Guide to Renovate Right*



RRP contractors working in pre-1978 homes and childcare facilities must follow lead-safe work practices that:

- **Contain the work area.** The area must be contained so that dust and debris do not escape from the work area. Warning signs must be put up, and plastic or other impermeable material and tape must be used.
- **Avoid renovation methods that generate large amounts of lead-contaminated dust.** Some methods generate so much lead-contaminated dust that their use is prohibited. They are:
 - Open-flame burning or torching
 - Sanding, grinding, planing, needle gunning, or blasting with power tools and equipment not equipped with a shroud and HEPA vacuum attachment
 - Using a heat gun at temperatures greater than 1100°F
- **Clean up thoroughly.** The work area should be cleaned up daily. When all the work is done, the area must be cleaned up using special cleaning methods.
- **Dispose of waste properly.** Collect and seal waste in a heavy duty bag or sheeting. When transported, ensure that waste is contained to prevent release of dust and debris.

To learn more about EPA's requirements for RRP projects, visit epa.gov/getleadsafe, or read *The Lead-Safe Certified Guide to Renovate Right*.

Other Sources of Lead

Lead in Drinking Water

The most common sources of lead in drinking water are lead pipes, faucets, and fixtures.

Lead pipes are more likely to be found in older cities and homes built before 1986.

You can't smell or taste lead in drinking water.

To find out for certain if you have lead in drinking water, have your water tested.

Remember older homes with a private well can also have plumbing materials that contain lead.

Important Steps You Can Take to Reduce Lead in Drinking Water

- Use only cold water for drinking, cooking and making baby formula. Remember, boiling water does not remove lead from water.
- Before drinking, flush your home's pipes by running the tap, taking a shower, doing laundry, or doing a load of dishes.
- Regularly clean your faucet's screen (also known as an aerator).
- If you use a filter certified to remove lead, don't forget to read the directions to learn when to change the cartridge. Using a filter after it has expired can make it less effective at removing lead.

Contact your water company to determine if the pipe that connects your home to the water main (called a service line) is made from lead. Your area's water company can also provide information about the lead levels in your system's drinking water.

For more information about lead in drinking water, please contact EPA's Safe Drinking Water Hotline at 1-800-426-4791. If you have other questions about lead poisoning prevention, call 1-800 424-LEAD.*

Call your local health department or water company to find out about testing your water, or visit [epa.gov/safewater](https://www.epa.gov/safewater) for EPA's lead in drinking water information. Some states or utilities offer programs to pay for water testing for residents. Contact your state or local water company to learn more.

* Hearing- or speech-challenged individuals may access this number through TTY by calling the Federal Relay Service at 1-800-877-8339.

Other Sources of Lead, continued

- **Lead smelters** or other industries that release lead into the air.
- **Your job.** If you work with lead, you could bring it home on your body or clothes. Shower and change clothes before coming home. Launder your work clothes separately from the rest of your family's clothes.
- **Hobbies** that use lead, such as making pottery or stained glass, or refinishing furniture. Call your local health department for information about hobbies that may use lead.
- Old **toys** and **furniture** may have been painted with lead-containing paint. Older toys and other children's products may have parts that contain lead.⁴
- Food and liquids cooked or stored in **lead crystal** or **lead-glazed pottery or porcelain** may contain lead.
- Folk remedies, such as "**greta**" and "**azarcon,**" used to treat an upset stomach.

⁴ In 1978, the federal government banned toys, other children's products, and furniture with lead-containing paint. In 2008, the federal government banned lead in most children's products. The federal government currently bans lead in excess of 100 ppm by weight in most children's products.

For More Information

The National Lead Information Center

Learn how to protect children from lead poisoning and get other information about lead hazards on the Web at epa.gov/lead and hud.gov/lead, or call **1-800-424-LEAD (5323)**.

EPA's Safe Drinking Water Hotline

For information about lead in drinking water, call **1-800-426-4791**, or visit epa.gov/safewater for information about lead in drinking water.

Consumer Product Safety Commission (CPSC) Hotline

For information on lead in toys and other consumer products, or to report an unsafe consumer product or a product-related injury, call **1-800-638-2772**, or visit CPSC's website at cpsc.gov or saferproducts.gov.

State and Local Health and Environmental Agencies

Some states, tribes, and cities have their own rules related to lead-based paint. Check with your local agency to see which laws apply to you. Most agencies can also provide information on finding a lead abatement firm in your area, and on possible sources of financial aid for reducing lead hazards. Receive up-to-date address and phone information for your state or local contacts on the Web at epa.gov/lead, or contact the National Lead Information Center at **1-800-424-LEAD**.

Hearing- or speech-challenged individuals may access any of the phone numbers in this brochure through TTY by calling the toll-free Federal Relay Service at **1-800-877-8339**.

U. S. Environmental Protection Agency (EPA)

Regional Offices

The mission of EPA is to protect human health and the environment. Your Regional EPA Office can provide further information regarding regulations and lead protection programs.

Region 1 (Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont)

Regional Lead Contact
U.S. EPA Region 1
5 Post Office Square, Suite 100, OES 05-4
Boston, MA 02109-3912
(888) 372-7341

Region 2 (New Jersey, New York, Puerto Rico, Virgin Islands)

Regional Lead Contact
U.S. EPA Region 2
2890 Woodbridge Avenue
Building 205, Mail Stop 225
Edison, NJ 08837-3679
(732) 906-6809

Region 3 (Delaware, Maryland, Pennsylvania, Virginia, DC, West Virginia)

Regional Lead Contact
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103
(215) 814-2088

Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)

Regional Lead Contact
U.S. EPA Region 4
AFC Tower, 12th Floor, Air, Pesticides & Toxics
61 Forsyth Street, SW
Atlanta, GA 30303
(404) 562-8998

Region 5 (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)

Regional Lead Contact
U.S. EPA Region 5 (LL-17J)
77 West Jackson Boulevard
Chicago, IL 60604-3666
(312) 353-3808

Region 6 (Arkansas, Louisiana, New Mexico, Oklahoma, Texas, and 66 Tribes)

Regional Lead Contact
U.S. EPA Region 6
1445 Ross Avenue, 12th Floor
Dallas, TX 75202-2733
(214) 665-2704

Region 7 (Iowa, Kansas, Missouri, Nebraska)

Regional Lead Contact
U.S. EPA Region 7
11201 Renner Blvd.
Lenexa, KS 66219
(800) 223-0425

Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)

Regional Lead Contact
U.S. EPA Region 8
1595 Wynkoop St.
Denver, CO 80202
(303) 312-6966

Region 9 (Arizona, California, Hawaii, Nevada)

Regional Lead Contact
U.S. EPA Region 9 (CMD-4-2)
75 Hawthorne Street
San Francisco, CA 94105
(415) 947-4280

Region 10 (Alaska, Idaho, Oregon, Washington)

Regional Lead Contact
U.S. EPA Region 10 (20-C04)
Air and Toxics Enforcement Section
1200 Sixth Avenue, Suite 155
Seattle, WA 98101
(206) 553-1200

Consumer Product Safety Commission (CPSC)

The CPSC protects the public against unreasonable risk of injury from consumer products through education, safety standards activities, and enforcement. Contact CPSC for further information regarding consumer product safety and regulations.

CPSC

4330 East West Highway
Bethesda, MD 20814-4421
1-800-638-2772
cpsc.gov or saferproducts.gov

U. S. Department of Housing and Urban Development (HUD)

HUD's mission is to create strong, sustainable, inclusive communities and quality affordable homes for all. Contact to Office of Lead Hazard Control and Healthy Homes for further information regarding the Lead Safe Housing Rule, which protects families in pre-1978 assisted housing, and for the lead hazard control and research grant programs.

HUD

451 Seventh Street, SW, Room 8236
Washington, DC 20410-3000
(202) 402-7698
hud.gov/lead

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IMPORTANT!

Lead From Paint, Dust, and Soil in and Around Your Home Can Be Dangerous if Not Managed Properly

- Children under 6 years old are most at risk for lead poisoning in your home.
- Lead exposure can harm young children and babies even before they are born.
- Homes, schools, and child care facilities built before 1978 are likely to contain lead-based paint.
- Even children who seem healthy may have dangerous levels of lead in their bodies.
- Disturbing surfaces with lead-based paint or removing lead-based paint improperly can increase the danger to your family.
- People can get lead into their bodies by breathing or swallowing lead dust, or by eating soil or paint chips containing lead.
- People have many options for reducing lead hazards. Generally, lead-based paint that is in good condition is not a hazard (see page 10).