# Lead-Based Paint Regulations: Subpart J and K

Rehabilitation, Acquisition, Leasing, Support Services and Operations

February 2021

We will be starting momentarily





# Webinar Logistics

#### **Webinar Instructions**

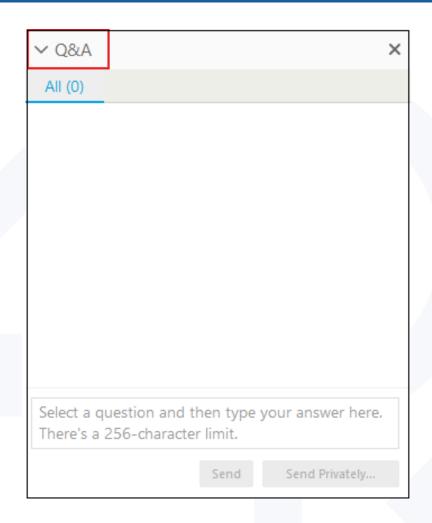
- PowerPoint and webinar recording will be available on the HUD Exchange
- Participants in 'listen only' mode
- Submit content related questions in Q&A box on right side of screen
- For technical issues, request assistance through the Chat box





## **Questions?**

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- Send to Host, Presenter and Panelists
- Questions will be answered during the webinar

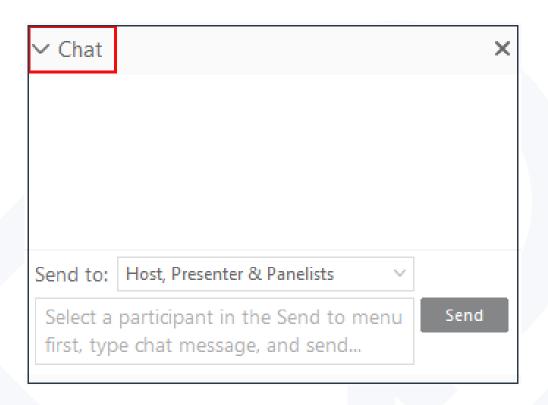






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# Lead-Based Paint Regulations: Subpart J and K

Subpart J Rehabilitation

Subpart K Acquisition, Leasing, Support Services and Operations

February 2021





## **Trainers**

Kris Richmond, ICF Les Warner, ICF

Bruce Haber, HUD OLHCHH Karen Griego, HUD OLHCHH





# **Series Overview**

# **Goals for this Training Series**

- Understand the significance of an elevated blood lead level (EBLL)
- Gain a deeper understanding of the Federal Lead-Based Paint Regulations
- Determine the types of HUD assistance and/or HUD programs that trigger the requirements of Subparts J or K
- Review the key documentation requirements (i.e. testing, hazard control, notification)
- Introduce key terms
- Provide a tour of the available resources





## Webinar Series Format

- Four weekly sessions
  - Up to 2 hours
  - 1-hour Office Hours will occur on the day after the webinar to review homework and answer questions
- Session 1 is mandatory, then choice of remaining sessions
  - Participants administering operating programs/projects including rehabilitation should attend Sessions 1-3
  - Those administering programs without rehab but including leasing, operations, or homebuyer should attend Session 1 and Session 4
  - See the Agenda and Subpart J and K to determine what sessions you need
- Some participants may want to attend all four sessions
- Links of recordings will be available





# Webinar Series Agenda





- LSHR Basics
- Regulatory Subparts per Assistance
   Type
- Session 2
  - Subpart J: Rehab Requirements for Planning

- Session 3
  - Subpart J: Rehab Requirements for Construction and Clearance
- Session 4
  - Subpart K: Acquisition, Leasing, Support Services and Operation Programs





# How experienced are you with the lead regulations?

A. I am new to applying lead regulations

**B.** I have some experience with applying lead regulations

**C.** I know how to perform all the key steps in the lead-based paint compliance process





# What types of programs are you operating?

A. Rehabilitation (homeowner or rental)

B. Homebuyer/Acquisition

C. Leasing and Support services

**D.** Two or more types of programs





#### Which Sessions Should I Attend?

- All participants should attend or watch Session 1.
- Attend Sessions 2-4 depending on needs/activities undertaken within their programs
  - If completing rehabilitation work, attend Sessions 2 and 3
  - If completing acquisition, homebuyer assistance, leasing, support services, and operations, attend Session 4
  - If completing projects including acquisition and rehabilitation work over \$5,000/unit, attend all Sessions

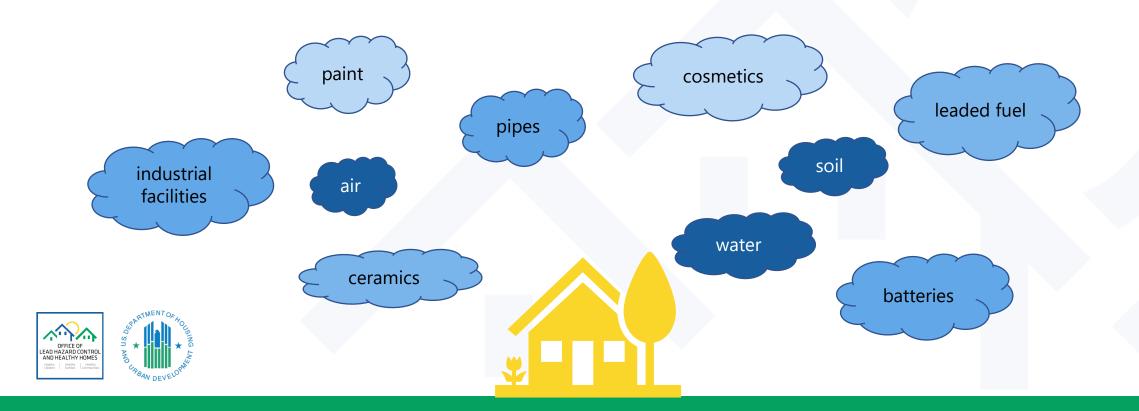




# Lead Safe Housing Rule Basics

# **Defining the Problem**

- Lead is a naturally occurring element and in manufactured products
- Found in all parts of our environment:



# **Defining the Problem**

## Who is at highest risk?

#### Children under age 6

- Bodies absorb more lead are more sensitive to effects than adults
- More likely to accidentally ingest lead

#### **Pregnant women**

 Elevated blood lead level can expose the developing child

#### **Certain workers**

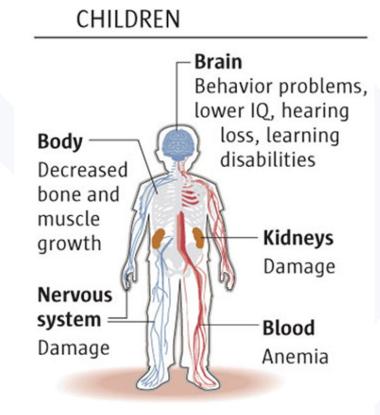
 Workers in certain construction and industrial fields may be exposed to high levels of lead – prevent "take-home" exposure





# Children and Exposure to Lead

- How do children get lead in their blood?
  - Putting objects in their mouths
  - Playing in soil or floors with lead dust from friction and impact surfaces (doors, windows)
  - Eating paint chips
- What is the "trigger level" of lead in a child?
  - **5** μg/dL







# Lead Safe Housing Rule (LSHR)



#### **PURPOSE**:

To protect children in assisted target housing through <u>primary prevention</u>

Target Housing defined: Any housing constructed prior to 1978, except housing for the elderly or persons with disabilities or any zero-bedroom dwelling (unless any child who is less than 6 years of age resides or is expected to reside in such housing).





# **Lead Regulations Apply Except When:**

- Property constructed after January 1, 1978
- Zero-bedroom units and SROs (in the works to be removed)
- Housing designated exclusively for the elderly or persons with disabilities unless if a child less than 6 resides or expected to reside there
- Properties found to be lead-free by a LBP inspection or where all LBP has been identified, removed, and clearance achieved





# **Lead Regulations Apply Except When:**

- An unoccupied property that is to be demolished, provided that it remains unoccupied until demolition
- Emergency Action necessary to protect life, health and safety, or further damage to the structure (e.g., after a natural disaster or fire)
  - This exemption DOES NOT APPLY to restoration/rehabilitation of such damaged property
- Subpart K does not apply if the assistance being provided is emergency rental assistance or foreclosure prevention assistance that is 100 days or less. This exemption expires 100 days after the initial payment or assistance.





# Limited Exemption from Lead Safe Work Practices and Clearance

- Rehab that does not disturb painted surfaces:
- Lead safe work practices are not required when minor maintenance or activities disturb painted surfaces that are less than de minimis\* levels:
  - 2 sq. ft. per interior space
  - 10% of small component type
  - 20 sq. ft. for exterior work

\* Note: HUD de minimis levels are more protective than the EPA RRP guidelines





# **Federal Lead Regulations**

HUD – 24 CFR Part 35

- Subpart A: Lead Disclosure Rule
- Subpart B: General LSHR Requirements & Definitions
- Subpart H, J, K, L, M: LSHR Program Requirements
- Subpart R: LSHR Methods and Standards

EPA – 40 CFR Part 745

- Subpart F: Lead Disclosure Rule
- Subparts D, L, Q: Lead-Based Paint Activities Rule
- Subparts E and Q: Renovation, Repair, and Painting (RRP) Rule





Note: Recent changes in the EPA rule went into effect on January 6, 2020 and additional proposed rule changes were released on 6/17/2020

# **HUD Regulation Subparts**

Subparts	Assistance Type	Program
A	Disclosure of Known Lead-Based Paint Hazards Upon Sale or Lease of Residential Property	All
В	General Requirements and Definitions All	
C D	Disposal of Housing Project-Based Rental Assistance	Non-HUD Federal
F	HUD-Owned Single Family Property SF Hsg	
G	Multifamily Mortgage Insurance	MF Hsg
Н	Project-Based Rental Assistance	Hsg, PIH
ı	HUD-Owned and Mortgagee-in-Possession Multifamily Property	MF Hsg





# **HUD Regulation Subparts by Programs**

Subparts	Assistance Type	Programs
J	Rehabilitation	All
K	Acquisition, Leasing, Support Services, or Operation	CPD, PIH
L	Public Housing Programs	PIH
M	Tenant-Based Rental Assistance	PIH, CPD
R	Methods and Standards for Lead-Based Paint Hazard Evaluation and Hazard Reduction Activities	All
E, N-Q	Reserved	





# **Subpart J – Examples of Rehabilitation Programs**

**Community Development Block Grant Program HOME Investment Partnerships (HOME) Housing Trust Fund (HTF) Indian Housing Block Grant Program Indian Community Development Block Grant Program Housing Opportunities for Persons with AIDS** 



**Emergency Solutions Grants** 

**Continuum of Care (CoC)** 

**Interest Reduction Payment Grant program** 

Flexible Subsidy-Capital Improvement Loan Program

**Mark-to-Market Program** 

\*Not an exhaustive list





# Subpart K – Examples of Acquisition, Leasing, Support Services, and Operations Programs

**Homeownership of Community Development Multifamily Units Block Grant HOME Investment Emergency Solutions Grants Partnerships (HOME) Indian Housing Block Grant Continuum of Care (CoC) Program Indian Community Housing Opportunities for Development Block Grant Persons with AIDS Program** \*Not an exhaustive list **Housing Trust Fund (HTF)** 





# **Federal Lead Regulations**

# **HUD/EPA's Lead Disclosure Rule**

 Applies to almost all housing, public and private, built before 1978. Effective March 1996 (except exemptions mentioned earlier)

# **HUD's Lead Safe Housing Rule (LSHR)**

- Applies to almost all Federally—assisted and Federally owned housing built before 1978.
   Effective September 2000
- Amendments (EBLL) effective 2/13/17

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

 Applies to almost all target housing, public and private, built before 1978, including childoccupied facilities such as schools and day-care facilities. Effective April 2010





# **Key Definitions (ref. §35.110)**

- Target Housing built before 1978, with some exceptions
- Lead-Based Paint Hazards
  - Deteriorated LBP
  - Dust with lead-levels at or above the dust-lead hazard standard
  - Soil with lead-levels at or above the soil-lead hazard standard
  - Friction, impact or chewable surfaces with LBP and an associated dust-lead hazard
- Lead-Based Paint paint or other surface coatings that contain lead equal to or exceeding 1.0 mg/cm<sup>2</sup>





# **Key Steps in LBP Compliance Process**







**TREAT\*** 



**DISCLOSE** 

Pamphlet

Enhanced visual
 assessment

**LOOK** 

- Risk assessment
- Inspection

- Standard Treatments
- Interim controls
- Hazard abatement

Clearance

Notification





# Four Approaches to Address Lead-Based Paint

- Approach 1: Do no harm
- Approach 2: Identify and Stabilize Deteriorated Paint
- Approach 3: Identify and Control Lead-Based Paint Hazards
- Approach 4: Identify and Abate Lead-Based Paint Hazards





# **Summary Chart: Rehabilitation (Subpart J)**

	≤ \$5,000	\$5,000 - \$25,000	> \$25,000
Approach to Lead Hazard Evaluation and Reduction	Do no harm (1)	Identify and control lead hazards (3)	Identify and abate lead hazards (4)
Notification	Yes	Yes	Yes
Lead Hazard Evaluation	Paint Testing (of surfaces to be disturbed)	Paint Testing and Risk Assessment	Paint Testing and Risk Assessment
Lead Hazard Reduction	Repair surfaces disturbed during rehabilitation	Interim Controls	Abatement (Interim Controls on exterior surfaces not disturbed by rehabilitation)
	Lead safe work practices	Lead safe work practices	Lead safe work practices
	Clearance	Clearance	Clearance
Ongoing Maintenance	For HOME rental only	For HOME rental only	For HOME rental only
EBLL Requirements	No	No	No
Options	Presume lead-based paint; Use safe work practices on all surfaces	Presume lead-based paint and/or hazards; Use standard treatments	Presume lead-based paint and/or hazards; Abate all applicable surfaces





# **Summary Chart: ALSSO (Subpart K)**

	Acquisition	Leasing, Support Services, and Operations
Approach to Lead Hazard Evaluation and Reduction	Identify and stabilize deteriorated paint (2)	Identify and stabilize deteriorated paint (2)
Notification	Yes	Yes
Lead Hazard Evaluation	Visual Assessment	Visual Assessment
Lead Hazard Reduction	Paint Stabilization	Paint Stabilization
	Safe work practices	Safe work practices
	Clearance	Clearance
Ongoing Maintenance	No	Yes
EBLL Requirements	No	No
Options	Test deteriorated paint; Use safe work practices only on lead-based paint surfaced	Test deteriorated paint; Use safe work practices only on lead-based paint surfaced





# **Knowledge Check**

**Scenario:** Mr. and Mrs. Jones live in the Franklin Farm neighborhood, a single-family subdivision. The Jones' are in their mid 70s. They want to have their 1940s home rehabilitated through the city's HOME Program.

**True or False:** Mr. and Mrs. Jones are exempt from the LSHR because they are elderly.

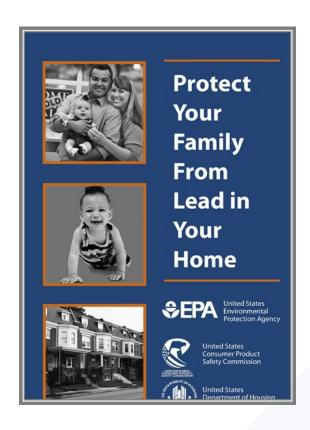




Step 1. Disclose

Lead Disclosure Rule

### **Lead Disclosure Rules**



- Applies to almost all pre-1978 for sale and rental units
- The Owner or Lessor:
  - Provides Pamphlet
  - Provides warning statement
  - Disclose KNOWN information
- Must be completed BEFORE any contract is signed





# **Disclosure Exemptions**

### Disclosure is exempt for the following:





Sales of target housing at foreclosure



LBP Free

Found LBP free by a certified inspector



**Short Term Lease** 

100 days or less where no lease renewal/extension can occur



# **Previously Disclosed**

Lessor previously
disclosed all
information required
and no conditions
have changed





# The Wrong Disclosure

### **NOTIFICATION**

### Watch Out for Lead-Based Paint Poisoning

### Sources of Lead Based Pair

The interiors of older home: and spartments often have layers of lead-based paint on the walls, ceilings, window alls, door paint and primers may also have been need on outside porches, railing, garages, fire exceptes and lamp posts. Where the a real changer for babes and young children. Children may set paint chaps or chew on painted railings, wind around. Children can also ingert lead even if they do not specifically set paint chap. For example, when of outs particles containing lead, they may get these particles on their hands, but their hands into their or set and the particles of the set of the particles of their hands; but their hands into their or set of set.

### azards of Lead-Based Pair

Lead poisoning is dangerous-especially to children under the age of seven (7). It can event , olindness and even death

### Symptoms of Lead-Based Paint Poisoning

Has your child been especially cranky or irritable? Is be or she eating normally? Do mining? Does he or she complain about headaches? Is your child unwilling to play? These may be signs of lead postoning at all. Because there are no ymptoms does not mean that you chould not be concerned if you believe your of le.

### Advisability and Availability of Blood Lead Level Screening

Hyou mapter that your child has eaten chips of point or romesone hold you your child has an elevated blood lead level, treatment is available. Counts shealth department for hea, Lead screening and treatment are available through the Medicaid Program for those who immediately norify the Community Development or other agency to wide that to test the total treatment of the second or the second or to applying for relabilitation as, the thint to test you will be legisle for assistance to

### Precautions to Take to Prevent Lead-Based Paint Poisoning

You can avoid lead-based paint potioning by performing some prev
Look at your walls, ceiling, doors, door frames and
there places where the paint is peeling, flaking, chipping, or powder
(s) Cover all finantiers and applications;

- (b) Get a broom or stiff brush and remove all loose pieces of pain /ork, window wells and ceiling
- (c) Sweep up all pieces of paint and plaster and put them in a par THEM.
- (d) Do not leave paint chips on the floor in window wells. Damp dowsills in and around the work area to remove all dust and paint particles.

  Keeping these areas clear of paint chips, dust and duit is easy:
- (e) Do not allow loose paint to remain within your children's reac pick loose paint off the lower part of the walls.

### Homeowner Maintenance and Treatment of Lead-Based Paint H

As a homeowner, you should take the necessary steps to keep your ho Vater leaks from faulty plumbing, defective roofs and exterior holes or breaks may admit rain and damoness into the interior of your home. T ge walls and ceilings and cause paint to peel, crack or flake. These conditions should be corrected immediately. Before repainting, all surf cracking, chipping or loose should be thoroughly cleaned by scraping or brushing the loose paint from the surface, then repainting with two ( paint. Instead of scraping and repainting, the surface may be covered with other material such as wallboard, gypsum, or paneling. Bew ed paint is removed by scraping or sanding, a dust is created, which may be hazardous. The dust can enter the body either by breathing i use of heat or paint removers could create a vapor or fume of lead-based paint should take place when there are no children which may cause poisoning if inhaled over a long period of time. Whenever t eliminate the hazard. Remember that you as an adult play a or pregnant woman on the premises. Simple painting over defective lead-base. major role in the prevention of lead poisoning. Your actions and awareness abo. nake a big difference.

### Tenant and Homebuyer Responsibilities

You should immediately notify the management office or the agency through which yo if the unit has flaking, chipping, powdering or peeling paint, water leaks from plumbing, or a defective roof. You should co-operate with

I have received a copy of the Notification entitled "Watch Out a sisoning" AND
I have received a copy of the pamphlet, "Protect Your Family From

Printed name of recipient	Τ

Date

Signature of recipient

Exhibit V

NISING

A CONSING TANK

AND HEALTHY HOMES

After carefully reading this notice, please detach this receipt and return it to your local housing authority, landlord, management office, or community development office.

RECEIPT

have received a copy the notice entitled:

> ad-Based Paint

> > Your

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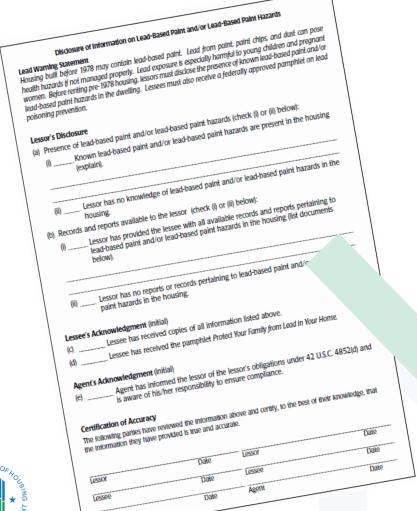
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### **The Correct Disclosure**



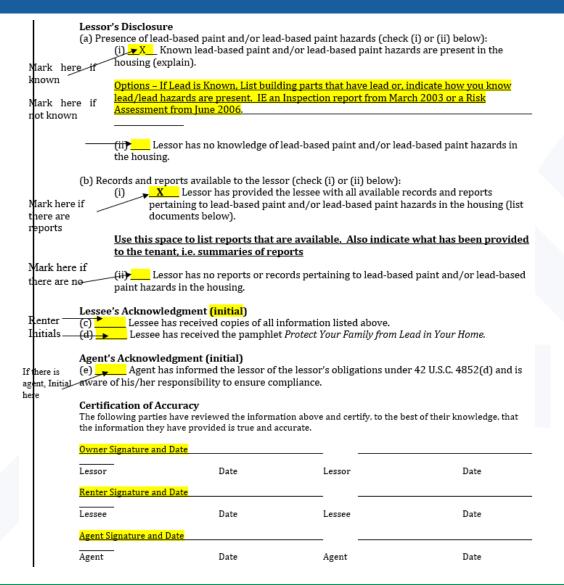






States with modified disclosure form: MA, RI, DC

### The Correct Disclosure







# **Documentation**

# Lead Requirements Screening Worksheet

### LEAD SAFE HOUSING REQUIREMENTS SCREENING WORKSHEET

This worksheet should be placed in the project file for any residential property that is assisted with Federal funds. Parts 1 and 2 should be completed for all projects. Parts 3 and 4 should be completed for rehabilitation projects.

Pro	operty Owner and Address:	_	
Part 1: Exemptions from All Requirements of 24 CFR Part 35			
If the answer to any of the following questions is yes, the property is exempt from the requirements of ACFR Part 35. The regulatory citation of each exemption is cited as additional guidance.			
<b>:</b>	Was the property constructed after January 1, 1978? [35.115(a)(1)]	☐ YES ☐ NO	
<b>.</b>	Is this a zero-bedroom unit? (e.g. SRO, efficiency) [35.115(a)(2)]	☐ YES ☐ NO	
<b>.</b>	Is this dedicated elderly <sup>1</sup> housing? (i.e. over age 62) [35.115(a)(3)]	☐ YES ☐ NO	
÷	Is this housing dedicated for the disabled <sup>2</sup> ? [35.115(a)(3)]	☐ YES ☐ NO	
•	Has a paint inspection conducted in accordance with 35.1320(a) established that the property is free of lead-based paint? [35.115(a)(4)]	☐ YES ☐ NO	
https://files.hudexchange.info/resources/documents/LSHR-Screening-For-Exemption-			





https://files.hudexchange.info/resources/documents/LSHR-Screening-For-Exemption-or-Limited-Exemption.pdf

### Lead Safe Housing Rule: DOCUMENT, DOCUMENT

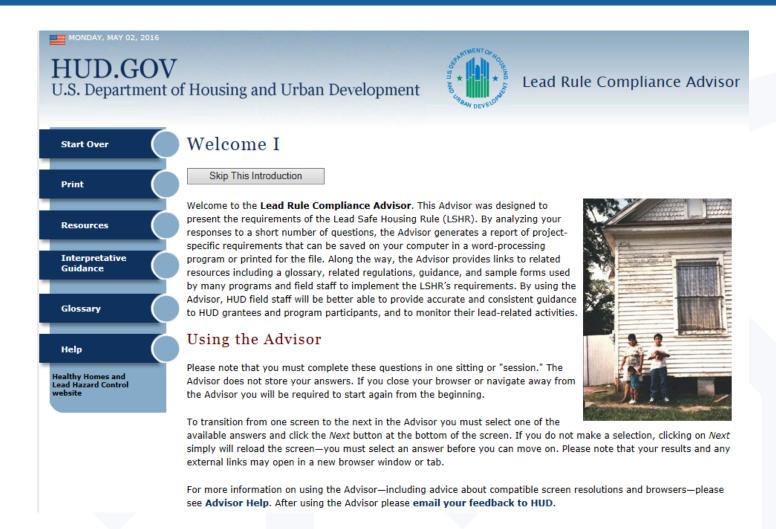
- Requires more documentation than the EPA RRP rule
- Keep copies of Certifications, training, evaluations, abatement reports, and clearance
- Documents must be kept at least 3 years
  - Actual record keeping is <u>life of the project/building(s)</u> records must be disclosed to prospective buyers and tenants





# Available Resources

### **Lead Rule Compliance Advisor**

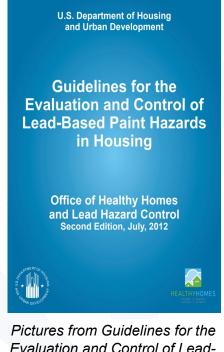






### **Guidance and Performance Criteria**

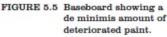
- HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing
- Detailed instructions and standards for how to evaluate and reduce hazards
- Cited by EPA in its lead rules as a "documented methodology."
- 2012 most recent version: https://www.hud.gov/program offices/healt hy homes/lbp/hudguidelines

















### Resources

- OLHCHH homepage: www.hud.gov/lead
- Lead Regulations Landing Page: <a href="http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations">http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations</a>
- Lead-Based Paint: <a href="https://www.hudexchange.info/programs/lead-based-paint/">https://www.hudexchange.info/programs/lead-based-paint/</a>
- Lead Safe Housing Rule (LSHR) Training: <a href="https://www.hudexchange.info/trainings/lead-based-paint/lshr">https://www.hudexchange.info/trainings/lead-based-paint/lshr</a>
- Lead Compliance Advisor: <a href="https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html">https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html</a>
- Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing 2012 Edition <a href="https://www.hud.gov/program\_offices/healthy\_homes/lbp/hudguidelines">https://www.hud.gov/program\_offices/healthy\_homes/lbp/hudguidelines</a>
- HUD Exchange CDBG-DR page: <a href="https://www.hudexchange.info/programs/cdbg-dr/">https://www.hudexchange.info/programs/cdbg-dr/</a>
- HUD Exchange CDBG-MIT page: <a href="https://www.hudexchange.info/programs/cdbg-mit/">https://www.hudexchange.info/programs/cdbg-mit/</a>
- Health Effects of Lead Gross Science Video: <a href="https://www.youtube.com/watch?v=76RKSQgduVQ">https://www.youtube.com/watch?v=76RKSQgduVQ</a>

Contact OLHCHH: <u>leadregulations@hud.gov</u>





### Schedule for Upcoming Webinar Sessions

✓ Completed: Session 1: Rehabilitation, Acquisition, Leasing, Support Services, and Operations

- Next: Session 2 Subpart J: Rehab Planning Phase
  - Session 3 Subpart J: Rehab Construction Phase
  - Session 4 Subpart K: Acquisition, Leasing, Support Services and Operation Programs





### Which Sessions Should I Attend?

- All participants should attend or watch Session 1.
- Attend Sessions 2-4 depending on needs/activities undertaken within their programs
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Q&A

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Subpart J: Rehabilitation Planning Phase

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We will be starting momentarily





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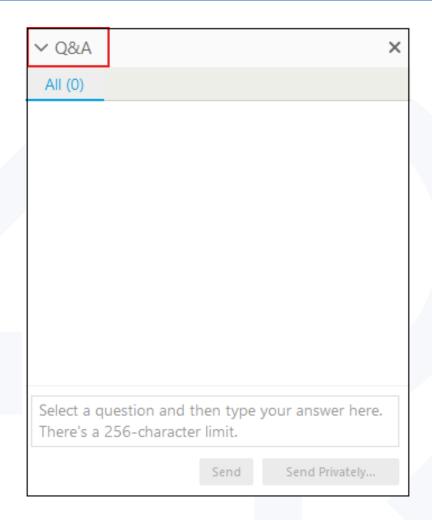
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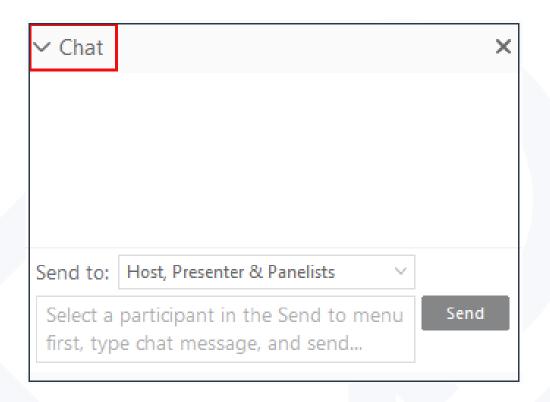






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# Lead-Based Paint Regulations: Subpart J and K

Session 2: Subpart J: Rehabilitation Planning Phase

February 2021





### **Trainers**

Kris Richmond, ICF Les Warner, ICF

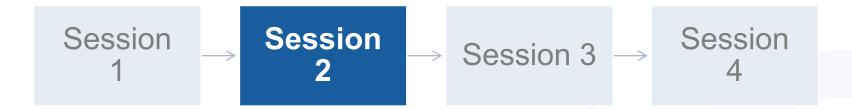
Bruce Haber, HUD OLHCHH Karen Griego, HUD OLHCHH Jerry Freese, HUD OLHCHH





# **Series Overview**

### Webinar Series Agenda



- Session 1
  - LSHR Basics
  - Regulatory Subparts per Assistance
     Type

### Session 3

 Subpart J: Rehab Requirements for Construction and Clearance

### Session 4

 Subpart K: Acquisition, Leasing, Support Services or Operation Programs

### **Session 2**

 Subpart J: Rehab Requirements for Planning





### **Goals for this Training**

- Review how costs are calculated
- Show requirements for three levels of hazard reduction
- Track project costs
- Explain risk assessment and project planning
- Provide refresher on notification requirements
- Review requirements for construction:
  - Contracting
  - Final inspections and clearance





# **Subpart J – Examples of Rehabilitation Programs**

**Community Development Block Grant Program HOME Investment Partnerships (HOME) Housing Trust Fund Indian Housing Block Grant Program Indian Community Development Block Grant Program Housing Opportunities for Persons with AIDS** 



Continuum of Care (CoC)

**Interest Reduction Payment Grant program** 

Flexible Subsidy-Capital Improvement Loan Program

**Mark-to-Market Program** 

\*Not an exhaustive list





### **Federal Lead Regulations**

# HUD/EPA's Lead Disclosure Rule

 Applies to most housing, public and private, built before 1978. Effective March 1996 (except exemptions mentioned earlier)

# HUD's Lead Safe Housing Rule (LSHR)

- Applies to most Federally–assisted and Federallyowned housing built before 1978. Effective September 2000
- Amendments (EBLL) effective 2/13/17

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

 Applies to almost all target housing, public and private, built before 1978, including childoccupied facilities such as schools and day-care facilities. Effective April 2010





### **Key Steps in LBP Compliance Process**





Pamphlet



**LOOK** 

- Paint testing
- Risk assessment
- Inspection



**TREAT** 

- Repair
- Interim controls
- Hazard abatement



**CLEAR** 

Clearance



### **TELL**

 Notification to owners and residents





# Housing Rehabilitation Programs

# **Programs Affected: Federally Affected Rehab Programs**



Most pre-1978 properties



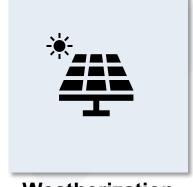
Owner occupied single-family rehab



**Multifamily rehab** 



Acquisition + rehab







Disaster Recovery



**CARES Act** 





# Programs/Buildings Not Affected



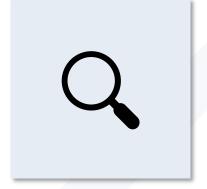
**Emergencies** 



Repairs that do not disturb painted surfaces



Unoccupied until demolition



Inspected units with no lead paint



Elderly and disabled housing



Zero-Bedroom Units





# **Exterior Repair Programs are Not Exempt**

- Exterior repair/beautification programs usually in \$5,000 \$25,000 range
- In many cases, programs incorrectly assume that interior lead hazard control work is not required and skip testing and hazard control work
- Lead rules for \$5,000 \$25,000 range require risk assessment.
  - If results indicate LBP hazards on the interior (paint or dust), interim control work to the interior hazards is required





### **Historic Preservation**

- Limited Exemption...
  - Properties listed or eligible for the National Register, if requested by the SHPO, may conduct interim controls instead of abatement
- Historic Preservation Brief 37
- HUD Guidelines Chapter 18







### **Exemptions Limited to Specific Repair/Rehab work**

- Work area is below the de minimis threshold
- Lead safe work practices **NOT** required when minor maintenance or activities disturb painted surfaces that are less than de minimis levels:
  - 2 sq. ft. per interior space
  - 10% of small component type
  - 20 sq. ft. for exterior work

Note: HUD de minimis levels are more protective than the EPA RRP guidelines





### **Key Actors**

### Program staff

- Homeowner intake, Inspectors, Compliance staff, Finance Dept
- Ideally the Specification Writer (In-house or not) will be qualified as a certified Risk Assessor
- Training is often an eligible cost
- Traditional participants in rehab
  - General contractors, painters, plumbers, electricians
  - General contractors should all be RRP Certified at a minimum
- Lead specialists
  - Certified paint inspectors, risk assessors (RA), and clearance examiners
  - Certified or trained lead contractors, lead abatement supervisors, and RRP workers





### Required Approach to Hazard Evaluation/Control: Level of Rehabilitation Assistance

Level of Rehabilitation Assistance determines the required approach to lead-based paint testing and lead hazard control measures

The amount of rehabilitation assistance is the **lesser** of two amounts:

Hard costs of rehab from **all sources** per unit (excludes soft costs and lead hazard control)

OR

Federal assistance for all uses per unit





### Costs that are Not Counted in Rehabilitation Hard Costs

The following soft costs are **not** counted in calculating rehab hard costs:

- Financing fees
- Credit reports
- Legal, accounting, insurance, architectural and engineering fees
- Staff, overhead, or administrative costs
- Acquisition of the property
- Appraisals
- Relocation costs
- Environmental review
- Lead hazard evaluation and reduction costs\*

\*Costs of rehabilitation that would have been performed in the absence of the lead-based paint regulation should **not** be excluded.





# Calculating the Level of Rehab Assistance – Example 1

#### Example 1

- A single-family home is rehabilitated for \$50,000 (rehabilitation hard costs \$23,000 and lead hazard reduction costs \$27,000).
- Total CDBG assistance is receiving a \$50,000 from the city's CDBG Program.

#### **Show Your Work**

Federal Assistance: \$50,000 Rehab Hard Cost: \$23,000

Lesser of the two is \$23,000

#### Answer

The level of rehabilitation assistance is \$23,000.





# Calculating the Level of Rehab Assistance – Example 2

#### Example 2

- A family is participating in a rehabilitation and refinancing program. The total amount of HOME assistance is \$60,000.
- The hard costs of rehabilitation are \$26,000.

#### **Show Your Work**

Federal Assistance: \$60,000 Rehab Hard Cost: \$26,000

Lesser of the two is \$26,000

#### **Answer**

The level of rehabilitation assistance is \$26,000.





# Per Unit Hard Costs for Multifamily Mixed Projects

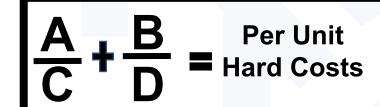
Rehab hard costs for all assisted units (excluding common areas and exterior surfaces)

Number of federally assisted units in project

Rehab hard costs for common areas and exterior work



**D** Total number of units in project







# Calculating the Level of Rehab Assistance – Example 3

#### Example 3

- A 20-unit property will spend \$65,000 to rehabilitate the structure
- The rehab will include \$20,000 in hard costs for repairs to exterior and common areas
- And \$45,000 in hard costs for 15 HOME-assisted units

#### **Show Your Work**

A/C + B/D = per unit hard costs

\$45,000 + \$20,000 = \$3,000 + \$1,000 = \$4,000 15 units 20 units

#### **Answer**

The per unit hard costs are \$4,000/unit.





# **Subpart J – Rehabilitation Summary**

	≤\$5,000	\$5,000 - \$25K	>\$25,000
Approach to Lead Hazard Evaluation & Reduction	Do no harm (1)	Identify & control lead hazards (3)	Identify & abate lead hazards (4)
Notification	Yes	Yes	Yes
Lead Hazard Evaluation	Paint Testing (surfaces to be disturbed)	Paint Testing & Risk Assessment	Paint Testing & Risk Assessment
Lead Hazard Reduction	Repair surfaces disturbed during rehabilitation	Interim Controls	Hazard abatement (interim controls on exterior not disturbed by rehab)
	Lead Safe Work Practices Clearance	Lead Safe Work Practices Clearance	Lead Safe Work Practices Clearance
Ongoing Maintenance	HOME rental only	HOME rental only	HOME rental only
EBLL Requirements	No	No	No
Presumptions	Presume LBP – Safe work practices on all painted surfaces	Presume LBP and/or hazards – standard treatments on all painted surfaces	Presume LBP and/or hazards – abate all applicable surfaces





# How does Level of Rehab Assistance Influence Evaluation and Lead Hazard Control Requirements?

<	\$5,	00	00
---	------	----	----

Presume or test disturbed painted surfaces

Repair surfaces disturbed during rehabilitation

\$5,000 - \$25,000

Presume or test disturbed painted surfaces

- Risk assessment
- Interim controls or abatement of all hazards (If presume, use standard treatments on all deteriorated and friction and impact surfaces)

> \$25,000

- Presume or test disturbed painted surfaces
- Risk assessment
- Abate all hazards

**Remember:** Anywhere lead is found or presumed, lead safe work practices, clearance and lead hazard reduction notice are required.





# **Decision Making Process to Test or Presume**

- Level of assistance indicates level of evaluation and hazard reduction required
- Use results to decide whether to evaluate or presume lead-based paint
- Ideally the program inspector is also a certified Risk Assessor











# Options - Presuming the Presence of LBP

If  $\leq $5,000$ 

 Repair all painted surfaces If \$5,000 - \$25,000

 Standard treatments for the entire unit If > \$25,000

 Abate <u>applicable</u> surfaces





# **Notice of Presumption**

- Provided within 15 days of presuming Lead-Based Paint
- Identifies locations of Presumption Notice form
  - Bare soil
  - Dust locations
  - Other presumed lead hazards both interior and exterior (such as windows, doors, trim, walls, floors, ceilings, fences, cladding, outbuildings, porches etc.

#### LEAD HAZARD PRESUMPTION NOTICE - SAMPLE FORM

The property listed below has not been evaluated for lead-based paint but it has been presumed that lead-based paint or lead based paint hazards are present.

Address/location of property or structure(s) this notice of presumption applies to		
Types of Presumption (Check all that Apply)		
Lead-based paint is presumed to be present.		
Lead-based paint hazard(s) is(are) presumed to be present.		





https://files.hudexchange.info/resources/documents/LSHR-Lead-Hazard-Presumption-Notice-Sample-Form.pdf

Step 2. Look

LBP Evaluation

# LBP Evaluations

Paint testing	Risk Assessment	LBP Inspection
Determine if painted surfaces contain LBP  Using methods such as an XRF analyzer or lab analysis	<ul> <li>Identifies LBP hazards</li> <li>Sampling of deteriorated paint, dust, bare soil (risk based), water (optional)</li> </ul>	Surface-by-surface investigation to determine if LBP is present above HUD thresholds; not if LBP is an immediate hazard  • Sampling of painted surfaces (dust, bare soil, and water testing is optional)
Purpose: Testing paint surfaces to be disturbed	Purpose: Interim controls, sale of property or turnover, documentation of absence of lead hazards	Purpose: Abatement, renovation/weatherization, sale or turnover of property, remodeling/repainting
If no inspection conducted, any painted surface that was not replaced after 1977 must be assumed to contain LBP	Final report: Lead Hazard Control Plan with options for interim controls or certification of LBP compliance	Final report: Whether LBP is present, where it is located, and at what concentrations
DEFICE OF LEAD HAZARD CONTROL AND HEALTH HOMES	Environmental Investigation is an enhanced Risk Assessment with review of other sources of lead exposure (El not required in Subpart	Combined Risk Assessment & Inspection may prove more cost effective than separate investigations

# New EPA Dust Hazard Standards Effective 1/6/2020 (Not Yet for EPA Authorized States)

Media	New Lead Level – Risk Assessment	Old Lead Level – Risk Assessment
Paint	1 mg/ cm <sup>2</sup>	1 mg/ cm <sup>2</sup>
Dust (wipe sampling only; single- surface or composite) Carpeted Floors Hard Floors Interior Window Sills	10 μm/ft <sup>2</sup> 10 μm/ft <sup>2</sup> 100 μm/ft <sup>2</sup>	40 μm/ft <sup>2</sup> 40 μm/ft <sup>2</sup> 250 μm/ft <sup>2</sup>
Bare Soil:  Bare soil in play areas  Bare soil in non-play areas	400 μm/ft <sup>2</sup> 1,200 μm/ft <sup>2</sup>	400 μm/ft <sup>2</sup> 1,200 μm/ft <sup>2</sup>
Water (optional) – first draw, 250mL	20 ppb (μm/L)	20 ppb (µm/L)

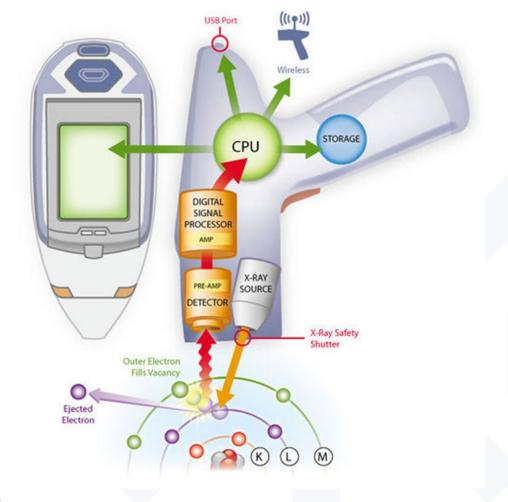




#### Find out if you work in an EPA Authorized State:

https://www.epa.gov/lead/lead-abatement-inspection-and-risk-assessment

# X-Ray Refractive Fluorescence (XRF) Device









# Finding Appropriate Firms and Individuals

- RFP/RFQ should include specific information on:
  - License and certification requirements
  - Type of evaluation to be performed: Risk assessment, inspection, clearance, or combination
  - See **HUD Guidelines** for more information
- Some grantees and property owners/managers report they can not find trainers, contractors, paint inspectors, risk assessors, or clearance technicians they need
  - Locate <u>Certified Renovation Firms</u> and <u>RRP Training Providers</u> from EPA's <u>Lead homepage</u>
    - Some states have their own RRP Programs. See state agency for more info.
  - Contact the <u>local entitlement (CDBG/HOME) grantee</u> for referrals
  - Contact <u>Lead-Based Paint Hazard Control Grantees</u>





# **HUD LSHR incorporates EPA Regulations**

#### 24 CFR 35.1320

• (a) Lead-based paint inspections and paint testing. Lead-based paint inspections shall be performed in accordance with methods and standards established either by a State or Tribal program authorized by the EPA under 40 CFR 745.324, or by the EPA at 40 CFR 745.227(b) and (h). Paint testing to determine the presence or absence of lead-based paint on deteriorated paint surfaces or surfaces to be disturbed or replaced shall be performed by a certified lead-based paint inspector or risk assessor.





#### What is in a Risk Assessment?

- On-site investigation to determine the existence, nature, severity, and location of LBP hazards
  - Must be conducted by a certified risk assessor
- Visual inspection to locate deteriorated paint, including extent and causes
- Background information on physical characteristics of dwelling and occupants' patterns that may cause LBP exposure to child < 6 years of age</li>
- Test for presence on each friction or impact surfaces with deteriorated paint
- Dust samples from windowsills and floors
- Soil samples

Note: Risk Assessor **must** have the preliminary rehab specs in hand to perform a proper Risk Assessment





# What is in a Risk Assessment Report?

A risk assessment report by the certified risk assessor or firm conducting the risk assessment explaining the results of the investigation and options for reducing LBP hazards

#### The report includes:

- Summary of the property, basic inspection information, and results
- Full explanation of testing methodology and results
- Lead hazard control plan
- Detailed laboratory analysis forms and data including XRF data

View details on the Risk Assessment Report Checklist





#### LEAD HAZARD EVALUATION NOTICE – SAMPLE FORM

Address:		
Evaluation Completed (circle one): Paint Inspection	Paint Testing	Risk Assessment
Date:		
Summary of Results:		
No lead-based paint or lead-based paint hazard	ds were found.	
Lead-based paint and/or lead-based paint hazar details	rds were found.	See attachment for

https://files.hudexchange.info/resources/documents/LSHR-Lead-Hazard-Evaluation-Notice-Sample-Form.pdf

# Lead Hazard Evaluation Notice Sample Form

#### **Lead Hazard Evaluation Notice**

- Single-family buildings
  - Full report is provided directly to homeowner
  - If unit is tenant occupied, tenant receives notice of evaluation
- Multifamily buildings
  - Distribute to each household or
  - Post in central location where all residents can access it
- Documenting the Results
  - Notice and reports of all evaluations must be made available to residents if requested.
- Timing
  - Notice must be provided within 15 days after results determined.





Step 3. Treat

LBP Hazard Reduction

## **Lead Hazard Reduction**

Repair (rehab ≤\$5,000)

 Repair surfaces disturbed during rehab Interim Controls (rehab \$5,000 -\$25,000)

 Set of measures designed to reduce temporarily human exposure or likely exposure to leadbased paint hazards Abatement (rehab >\$25,000)

 Set of measures designed to <u>permanently</u> eliminate lead-based paint hazards





#### **Lead Hazard Treatments**

#### Repair

- Repair of paint disturbed during rehab includes:
  - Surface preparation
  - Applying a new coat of paint
  - Worksite containment
  - Specialized cleaning
  - Clearance

#### **Interim Controls**

- Temporarily reduce exposure to LBP hazards includes
  - Repairs
  - Painting
  - Temporary containment
  - Specialized cleaning
  - Clearance
  - Ongoing maintenance
  - Management and resident education

#### **Abatement**

- Permanently eliminate LBP hazards includes
  - Removal
  - Enclosure/encapsulation
  - Replace components
- All preparation, cleanup, disposal, and post abatement clearance testing activities associated with such measures





# Rehabilitation Planning

#### Program staff should:

- Plan the rehab and hazard reduction before work starts
- Write specs for hazard control work

#### Issues to consider include:



Timing & sequencing of rehab and hazard reduction

Whether to relocate occupants





#### **Contractor Selection**

Staff check
 Qualifications



**Certifications** 



References



- Contractors submit bids for work
- Program may opt to maintain list of pre-qualified lead contractors

**Note:** It is the law (EPA RRP) that trainers are trained and certified if they work on any pre-1978 housing and/or child-occupied facilities regardless of funding source.





# EPA Renovation, Repair and Painting Rule (RRP)

Contractors performing RRP projects that disturb lead-based paint in homes, childcare facilities and pre-schools built before 1978 must:

- Have their firm certified by EPA or an EPA authorized state
- Use certified renovators trained by EPA-approved training providers
- Follow lead-safe work practices
- Provide "Renovate Right" pamphlet
- VIOLATIONS: Civil Money Penalties \$41,056 /unit









# LSHR and RRP: Planning and Setting-Up the Job

Requirement	HUD Lead Safe Housing Rule (LSHR)	EPA Renovation, Repair and Painting Rule (RRP)
Determination that LBP is present	Certified LBP inspector or risk assessor (not EPA testing kits)	Certified renovators use an EPA- recognized test kit
Training	All workers and supervisors must complete a HUD-approved curriculum in lead safe work practices. Renovation firms must be certified. At least one certified renovator must be at the job or available when work is being done.  Exception: Non-certified renovation workers need only on-the-job training if they are supervised by a certified LBP abatement supervisor who is also a certified renovator	<ul> <li>EPA or <u>EPA authorized States</u> certify renovation firms and accredit training providers that certify renovators.</li> <li>Only the certified renovator is required to have classroom training.</li> <li>Workers must receive on-the-job training from the certified renovator.</li> </ul>
Pre-Renovation	HUD requires conformance with EPA regulations, including EPA's Pre-Renovation Education Rule	Education Renovators must hand out the Renovate Right:  Important Lead Hazard Information for Families, Child  Care Providers and Schools pamphlet.





# LSHR and RRP: During the Job

Requirement	HUD Lead Safe Housing Rule (LSHR)	EPA Renovation, Repair and Painting Rule (RRP)
Treating LBP hazards	Depending on type and amount of HUD assistance, lead hazards are treated using "interim controls" or "ongoing lead-based paint maintenance"	EPA generally requires that renovations in target housing be performed using lead safe work practices
Prohibited Work Practices	<ul> <li>HUD prohibits 6 work practices:</li> <li>EPA's 3 prohibited work practices plus</li> <li>Heat guns that char paint</li> <li>Dry scraping or sanding farther than 1 ft. of electrical outlets</li> <li>Use of a volatile stripper in poorly ventilated space</li> </ul>	<ul> <li>EPA prohibits 3 work practices:</li> <li>Open flame burning or torching</li> <li>Heat guns above 1100 degrees F</li> <li>Machine removal without HEPA vacuum attachment</li> </ul>
Threshold minimum amounts of interior paint disturbance which trigger lead activities	HUD has a more protective interior de minimis threshold than EPA for lead safe work practices. HUD also uses this lower threshold for clearance and occupant notification.	EPA's interior threshold for minor repair and maintenance activities is higher than HUD's de minimis threshold.





# **LSHR and RRP: End of Job**

Requirement	HUD Lead Safe Housing Rule (LSHR)	EPA Renovation, Repair and Painting Rule (RRP)
Confirmatory Testing	HUD requires a clearance examination done by an independent, 3 <sup>rd</sup> party instead of the certified renovator's cleaning verification procedure	EPA allows cleaning verification by the renovator or 3 <sup>rd</sup> party clearance examination. The cleaning verification does not involve sampling and laboratory analysis of the dust.
Notification to Occupants	HUD requires the designated party to distribute notices to occupants within 15 days after lead hazard evaluation and control activities in/of their unit (and common areas, if applicable)	EPA has no requirement to notify residents who are not the owners after the renovation





# **Monitoring Construction**

#### In addition to regular monitoring, check for:

- Occupant protection measures
- Worksite preparation
- Daily cleanup
- Safe work practices and avoiding prohibited practices
- Worker protection (employer's responsibility)





#### Protection of Occupants' Belongings and Worksite Preparation for Projects with Lead Hazard Reduction Activities

Pro	operty Address: Owner:			
Na	me of Individual Completing this Form:			
Or	ganization:			
Da	Date Completed:			
Instructions: Check all activities performed to protect occupants' belongings and prepare the worksite.				
	nether or not temporary relocation of occupants is required before and during lead hazard reduction activities, worksite must be carefully prepared and occupants' belongings protected. Check all that apply.			
	Occupants were appropriately notified that their belongings would be protected during the work and what, if anything, they would need to do to prepare for the project.			
	Occupants' belongings in the containment area were (check one):			
	<ul> <li>relocated to a safe and secure area outside the containment area.</li> <li>OR</li> </ul>			

# Find more information in the Post-Work Checklist for Lead Hazard Reduction Activities:

https://files.hudexchange.info/resources/documents/LSHR-Post-Work-Checklist-for-Lead-Hazard-Reduction-Activities.pdf

# Occupant Protection in Lead Hazard Reduction

Step 4. Clear

#### **Clearance**

- Hazard reduction work is only complete upon passing a Clearance Examination
- Performed by a certified risk assessor or lead-based paint inspector (or sampling technician supervised and signed off by such)
- Purpose is to assure work was done as specified and site is clear of hazards
- No conflict of interest
  - Clearance examiners must be independent from hazard control, rehabilitation, or maintenance work
  - May work for same firm that provides pre-work paint testing or risk assessment
- Interim Clearance to allow for non-lead workers to enter site is OK, but Final Clearance must also be done





# Clearance (cont.)

- Dust wipe samples must be collected (by certified risk assessor/inspector or his/her clearance technician) and submitted to an accredited laboratory for analysis
- LBP hazard control is not complete until clearance testing is performed and passed

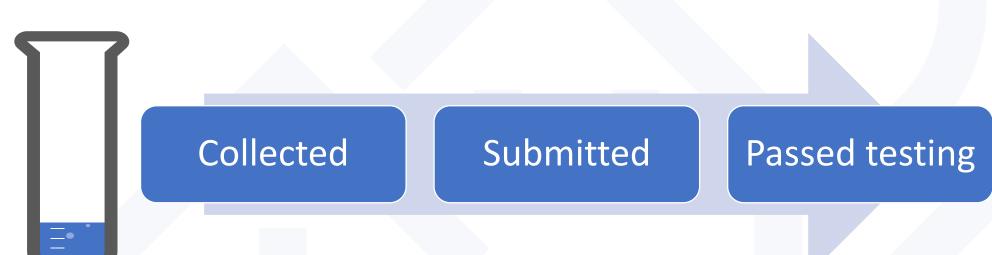
#### **Dust Clearance Levels**

Carpeted Floors 10 µm/ft<sup>2</sup>

Hard Floors 10 μm/ft<sup>2</sup>

Interior 100 µm/ft<sup>2</sup>

Windowsills







# Clearance (cont.)

#### Includes:

- Visual assessment to determine completion of work, absence of hazards
- Dust sampling, (processed by accredited lab) to measure residual lead-dust levels
- Interpretation of sampling results
- Preparation of a report

#### If site fails:

- Worksite must be re-cleaned and
- Another clearance test conducted
- Additional work may be needed if continued clearance failure







Step 5. Tell

## **Notice of Hazard Reduction includes Clearance Results**



Occupants must receive a Notice of Hazard Reduction, within 15 days of completion of the work (pass Clearance)

- Activities performed
- Clearance Date
- Tech's ID Info, Contact info
- Visual Inspection Results
- Dust/Locations/µg/sf
- Lab ID + #
- Reduction Dates
- LBP Remaining
- Contractor ID





#### **Lead Hazard Reduction Notice**

#### Sample Notice of Lead Hazard Reduction Property Address:\_\_\_\_\_ Today's Date:\_\_\_\_\_ **Summary of the Hazard Reduction Activity:** Start Date:\_\_\_\_\_ Completion Date:\_\_\_\_\_ Location and type of activity. (List the location and type of activity conducted or attach a copy of the summary page from the clearance report or the lead hazard scope of work providing this information.) Date(s) of clearance testing: Summary of results of clearance testing: No clearance testing was performed. https://files.hudexchange.info/resources/documents/LSHR-Sample-Notice-of-Lead-Hazard-Reduction.pdf

Property Add	ress: Today's Date:		
Summary	of the Hazard Reduction Activity:		
Start Date:	Completion Date:		
	and type of activity. (List the location and type of activity conducted or attach a copy of the ge from the clearance report or the lead hazard scope of work providing this information.)		
Date(s) of cle	earance testing:		
Summary of	results of clearance testing:		
(a)	No clearance testing was performed.		
(b)	Clearance testing showed clearance was achieved.		
(-)	Clearance testing showed clearance was not achieved.		
(c)			
List any com	ponents with known lead-based paint that remain in the areas where activities were conducted. on of the component (e.g. kitchen-door, bedroom-windows).		
List any com List the locat	no prepared this summary notice		
List any com List the locat  Person when the second with the locat when the locat	no prepared this summary notice    Signature:		
List any com List the locat  Person wh  Printed Name  Title:	no prepared this summary notice  E: Signature: Organization:		
Person when the Printed Name  Address:	no prepared this summary notice    Signature: Organization:		
Person when Printed Name Address:	no prepared this summary notice  E: Signature: Organization:		

## Available Resources

#### **HUD Exchange Lead-Based Paint Page**



Home > Programs > Lead-Based Paint

#### Regulations

The Consumer Product Safety Commission banned the use of lead in house paint in 1978. Prior to 1978, lead-based paint (LIBP) was commonly used in homes; the older the home, the higher the concentration of lead in the paint. Title X, the Residential Lead-Based Paint Hazard Reduction Act, was passed in 1992. Title X required several Federal agencies, including HUD and the Environmental Protection Agency (EPA) to promulgate regulations designed to, in part, protect people, especially children, living in pre-1978 homes, where LBP may have been used.

The applicability of specific regulatory requirements depends on several housing factors including:

- Age of the housing unit(s
- Property being disposed of or assisted by the federal government
- · Type and amount of HUD assistance
- · Whether the dwelling is rental or privately owned
- . Whether the dwelling is occupied by a child less than six years of age

Learn more about HUD's Office of Lead Hazard Control and Healthy Homes (OLHCHH).

#### Lead Disclosure Rule

Requires disclosure of known information on LBP and LBP hazards before the sale or lease of most pre-1978 housing

#### Lead Safe Housing Rule

Applies to most pre-1978 "target housing" that is federally owned and/or receiving federal assistance

#### EPA's Renovation, Repair, and Painting Rule

Requires firms performing renovation, repair, and painting projects (RRP) that disturb LBP in most pre-1978 homes, childcare, pre-schools, and child-occupied facilities to obtain firm certification and use certified renovators





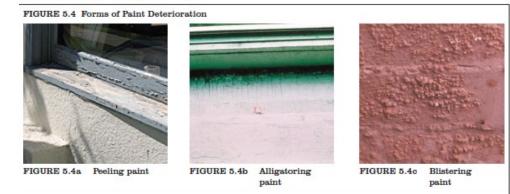
#### **Guidance and Performance Criteria**

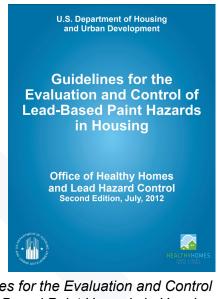
https://www.hud.gov/program offices/healthy homes/lbp/hudguidelines

#### HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

 OLHCHH has published two editions of the Guidelines, a technical manual for lead hazard evaluation and control in federally-assisted housing; cited by EPA in its lead rules as a "documented methodology."

https://www.hud.gov/program\_offices/healthy\_homes/lbp/hudguidelines





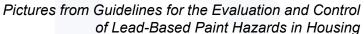




FIGURE 5.5 Baseboard showing a de minimis amount of deteriorated paint.



OFFICE OF
LEAD HAZARD CONTROL
AND HEALTHY HOMES
PORTER | Parking | Control
Children | Farking | Control
Children | Control
Chil



#### Resources

- Lead Regulations: <a href="http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations">http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations</a>
- Lead Safe Housing Rule (LSHR) Training: <a href="https://www.hudexchange.info/trainings/lead-safe-housing-rule/">https://www.hudexchange.info/trainings/lead-safe-housing-rule/</a>
- EPA page: <a href="https://www.epa.gov/lead">https://www.epa.gov/lead</a>
- Lead Compliance Advisor: <a href="https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html">https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html</a>
- Lead-Based Paint: <a href="https://www.hudexchange.info/programs/lead-based-paint/">https://www.hudexchange.info/programs/lead-based-paint/</a>

Contact OLHCHH: <u>leadregulations@hud.gov</u>





#### Schedule for Upcoming Webinar Sessions

- ✓ Completed: Session 1 Rehabilitation, Acquisition, Leasing, Services and Operations
- ✓ Completed: Session 2 Subpart J: Rehab Planning Phase
- Next: Session 3 Subpart J: Rehab Construction Phase
  - Session 4 Subpart K: Acquisition, Leasing, Support Services and Operation Programs





Q&A

# Lead-Based Paint Regulations: Subpart J and K

Subpart J - Rehabilitation: Construction Phase

We will be starting momentarily

February 2021





## Logistics

#### **Webinar Instructions**

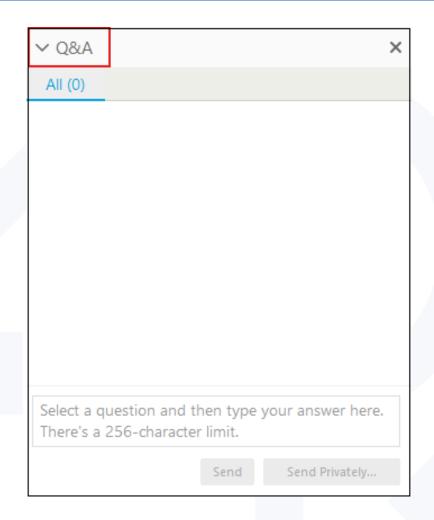
- PowerPoint and webinar recording will be available on the HUD Exchange
- Participants in 'listen only' mode
- Submit content related questions in Q&A box on right side of screen
- For technical issues, request assistance through the Chat box





#### **Questions?**

- Please submit your content related questions via the Q&A box
- Send to Host, Presenter and Panelists
- Questions will be answered during the webinar

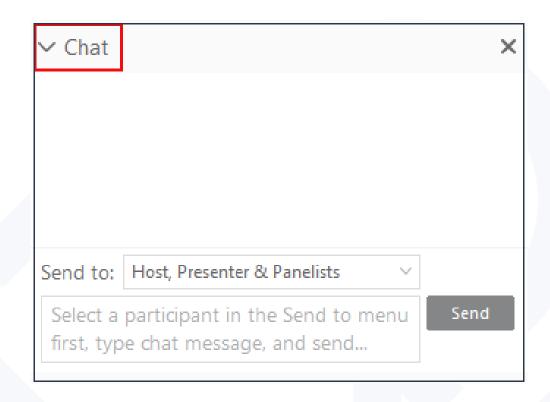






#### **Questions?**

- Please submit audio/visual or other technical questions via the Chat box
- Send the message directly to the Host
- Host will work directly with you to resolve those issues







# Lead-Based Paint Regulations: Subpart J and K

Subpart J - Rehabilitation: Construction Phase

February 2021





#### **Trainers**

Kris Richmond, ICF Les Warner, ICF

Bruce Haber, HUD OLHCHH Karen Griego, HUD OLHCHH





## **Series Overview**

#### **Webinar Series Format**

- Four weekly sessions
  - Up to 2 hours
  - 1-hour Office Hours will occur on the day after the webinar to review homework and answer questions
- This is week 3
- Links of recordings will be available





#### Webinar Series Agenda





- LSHR Basics
- Regulatory Subparts per Assistance
   Type
- Session 2
  - Subpart J: Rehab Requirements for Planning

#### Session 3

 Subpart J: Rehab Requirements for Construction and Clearance

#### Session 4

 Subpart K: Acquisition, Leasing, Support Services and Operation Programs





#### **Goals for this Training Session**

- Enhance participants' ability to manage for compliance
- Explore critical decision steps and paths to success
- Explain key terms
- Provide a tour of the available resources





#### **Note for Session 3 Participants**

Session 3 is a continuation and expansion of the material in previous sessions. Some topics overlap, but some **critical** topics are only covered in previous sessions. These include:

- Exemptions Session 3 discussions pertain to non-exempt projects, structures, and units
- Determining the "level of assistance," a critical calculation explained in Session 2
- EPA's Renovation Repair Painting Rule (RRP)

You can start here, but you are strongly encouraged to study the other sessions before managing or monitoring lead hazard control projects





### What types of rehabilitation programs are you operating?

Homeowner rehabilitation

Rental rehabilitation

Acquisition rehabilitation over \$5,000

More than one of these programs

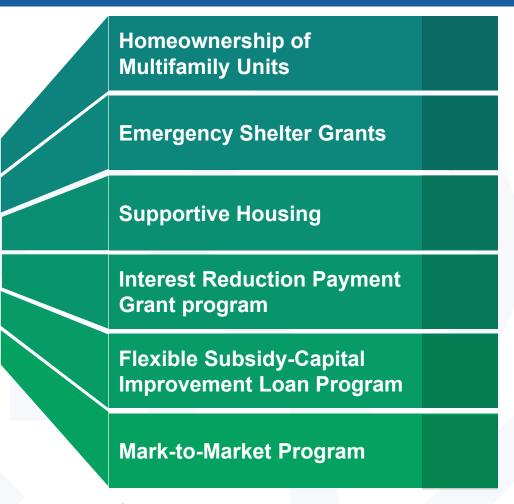




#### **Subpart J – Examples of Rehabilitation Programs**

**Community Development Block Grant Program Home Investment Partnerships (HOME) Housing Trust Fund Indian Housing Block Grant Program Indian Community Development Block Grant Program Housing Opportunities for Persons with AIDS** 











# Managing for Compliance

## Rehabilitation Requirements Review

Requirement	≤ \$5,000	\$5,000 - \$25,000	> \$25,000
Notification	Same for all categories		
Evaluation	Paint Testing Risk Assessment and paint testing		
Reduction	Repair paint	Interim Controls	Abatement
	Lead safe work practices and worksite clearance	Lead safe work practices	and unit clearance
Ongoing Maintenance	For HOME rental only		
EBLL Requirements	Not required		





#### Insular Areas: Federal Funding ≤ \$5,000/unit

#### US territories (24 CFR 35.940)

- Including American Samoa, Guam, Mariana Islands, Micronesia, Republic of the Marshall Islands, Republic of Palau, Puerto Rico, and Virgin Islands
- No lead hazard evaluation requirements
- Lead hazard reduction requirements are the same
  - Repair any paint disturbed during rehab
  - Lead safe work practices during rehabilitation and repair of disturbed paint
  - Pass clearance examinations after work is completed and before occupants return





#### Insular Areas: Federal Funding > \$5,000/unit

- Reduced lead hazard evaluation and reduction requirements
- Visual assessment to identify deteriorated paint
  - No paint testing or risk assessment requirement
- Paint stabilization on all deteriorated paint and surfaces disturbed by rehab
  - No interim controls or abatement requirements
- Dwelling units and common areas that service those units must pass a clearance examination before occupants are allowed to occupy rooms or spaces where paint stabilization took placed





#### **Key Actors**

#### Program staff

- Homeowner intake, Inspectors, Compliance staff, Finance Dept
- Ideally the Specification Writer (In-house or not) will be qualified as a certified Risk Assessor
- Training is often an eligible cost
- Traditional participants in rehab
  - General contractors, painters, plumbers, electricians
  - General contractors should all be RRP Certified at a minimum
- Lead specialists
  - Certified paint inspectors, risk assessors (RA), and clearance examiners
  - Certified or trained lead contractors, lead abatement supervisors, and RRP workers





#### **Key Steps of Rehabilitation Implementation**

- 1. Program Application and Interview
- 2. Property Inspection and Specification Development
- 3. Contractor Selection
- 4. Work Phase Coordination
- 5. Pre-Construction Conference
- 6. Progress Inspections
- 7. Final Inspection and Clearance
- 8. Post Rehabilitation





# Rehabilitation Implementation and Compliance 1. Program Application and Interview

- Provide pamphlet "Renovate Right: Important Lead Hazard Information for Families, Child Care Providers, and Schools"
- Explain program requirements for housing quality, lead hazard reduction, and cost limitations
- Determine owner's desires for rehab project
- Explain the process for development of the final project specifications
- Explain the requirements for occupant protection
- Determine the owner's ability to limit their use of property or to temporarily relocate during work





# Rehabilitation – Implementation and Compliance 2. Property Inspection and Specification Development

- Scope of work is based initially on the rehab or repair needs of the property and requirements within the program
  - Lead hazard reduction measures and costs may add to scope of work
  - Some work can be considered rehab or lead hazard reduction (e.g. window replacement)
- The cost estimate breakdown will determine the required level of evaluation and hazard control







#### Capacity and Coordination on Specifications

- Ideally the Specification Writer (In-house or not) will be qualified as a certified Risk Assessor
- The Spec Writer must be knowledgeable about measures and methods to control lead hazards as well as the associated costs
- The reconciliation of all docs may lead to changes
- A Risk Assessor should participate even if LBP is presumed





### Level of Assistance during Specification Design

- Single-purpose non-lead may fall below \$5K, but could easily go over, triggering whole-house hazard reduction
  - Roof, HVAC replacement, major structural or plumbing, rewiring, rebuilding porches, ADA work
- Certain major expenses may qualify as hazard reductions and keep the level of assistance low, (but may not significantly reduce testing, worker qualifications, and lead safe work practices (LSWP) requirements)





## Rehabilitation - Implementation

#### 2. Property Inspection and Specification Development – Evaluation

- Lead Hazard Evaluation required:
  - ≤ \$5,000: paint testing
  - > \$5,000: paint testing and risk assessment
  - Option to presume lead-based paint
  - Limited Option for Lead Hazard Screen
- Certified professional conducts evaluation
  - · Can certify staff or procure
- Program must notify occupants of results or reasons for presuming LBP
  - Notice of Lead Hazard Evaluation Or Notice of Presumption within 15 days







#### Rehabilitation Option: Presume versus Evaluate

- Can presume LBP rather than evaluate, BUT
- Hazard control measures are enhanced, and
- Potentially much greater costs are incurred as level of assistance rises
- Base decision on swabs and/or local experience

Actions if Presuming					
≤ \$5,000	\$5,000 - \$25,000	> \$25,000			
Lead safe work practices and clearance required for all painted surfaces	Standard treatments (same methods as interim controls but must be applied to all interior and exterior deteriorated paint including friction and impact surfaces)	Abate all interior and exterior deteriorated paint including friction and impact surfaces and soil; interim controls for exterior not disturbed by rehab			





## Rehabilitation - Implementation 3. Contractor Selection

- Staff check
  - ✓ Qualifications
  - ✓ Certifications
  - ✓ References
- Contractors submit bids for work
- Program may opt to maintain list of pre-qualified lead contractors
- Supply of participating lead contractors may need to recruit





### Rehabilitation - Implementation

#### 4. Work Phase Coordination - Trades Coordination and Scheduling

- Plan timing and sequencing of rehab and hazard reduction
- Interim Clearance is allowed when Lead Hazard Control work and or deteriorated lead-based paint removal are completed, and the site is appropriately cleaned
- Whether and when to relocate occupants
- Subsequent rehab work by untrained workers may not disturb paint
- Must clear entire site again at final





# Rehabilitation - Implementation 5. Pre-Construction Conference



Roles and

expectations



Work schedule



Responsibilities and coordination



Work method



Special contractual provisions





# Occupant Protections

# Supervising Rehabilitation Work 6. Progress Inspections

- Periodic inspections of worksite occur during and at completion of work elements?
- Do staff on project have proper certifications? Are PPE's in use?
- Are lead safe work practices being followed?
  - No prohibited methods, working wet, working with HEPA vacuum dust capture tools
- Proper containment or work sites, dust control, signage?
- Occupant protections in place?
- HEPA vac, plastic, tape, cleaning equipment and supplies on site?

**Note:** Failure to protect workers and occupants is common. Don't let that be a hallmark of your program!



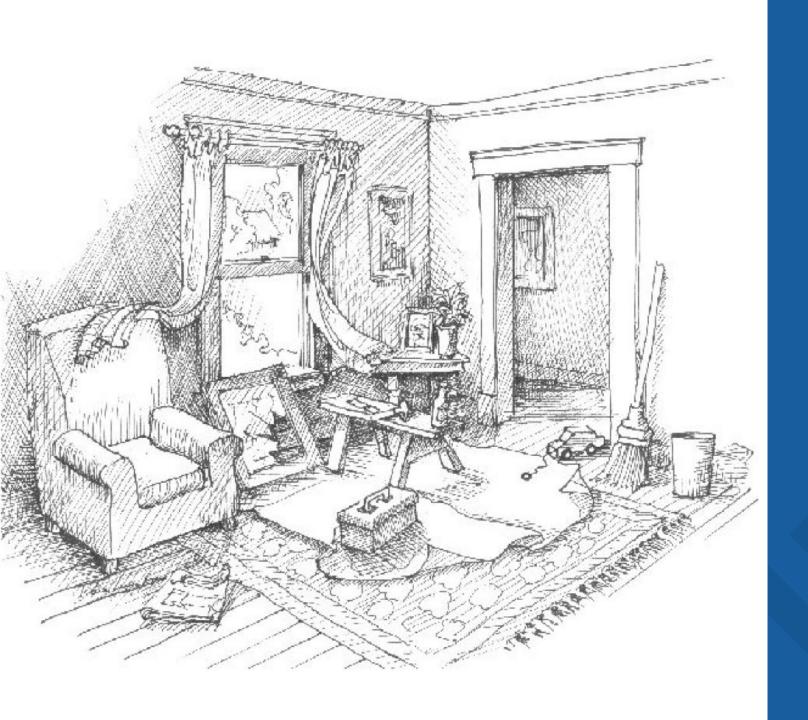


#### **Key Resources: Occupant Protection**

- Safe Work Practices: Renovate Right Brochure (p. 8-10)
- Control Dust, Segregate Work Area and HVAC, Work wet, Clean wet, Clean w/ HEPA vac
- Interpretive Guidance
  - #S4: Lead Safe Units
  - #R13: Interim Clearance
  - #J24: Elderly Consent
- Forms
  - Post-Work Checklist for Lead Hazard Reduction Activities
  - Guidance on Relocation
- HUD Guidelines Chapter 8 Resident Protection and Worksite Preparation







#### Identify the Unsafe Conditions in the Illustration



### Identify the Unsafe Conditions in the Illustration



### Identify the Unsafe Conditions in the Illustration

#### Occupant Protection During Lead Hazard Reduction

- Occupants and their belongings must be protected during lead hazard reduction work
  - May include leaving the unit or temporary relocation until clearance is achieved
- Relocation required
  - When tenants required to be out of the unit and cannot return until clearance is achieved
  - If work area can be contained but resident will be restricted from needed parts of unit (kitchen, bathrooms) for more than an 8-hour workday
  - Program must decide how and if to reimburse for relocation costs for owner-occupants





#### When is Relocation Not Required?



Work does not disturb paint



Interior work completed in 1 period of 8 daytime hours



Only exterior is treated



Occupants have safe access to unit (incl. sleeping area, bathroom, kitchen); treatment completed in 5 calendar days



Elderly occupants after consent





#### **Appropriate Temporary Units**

- For short term relocation the tenants could be housed in a hotel/motel and provided with meal vouchers
- Longer timelines will require the temporary unit to be functionally equivalent
- Multifamily rental projects can be staged to treat vacant units and then shift residents on site
- Temporary unit must be lead-safe
  - Use post 1978 units, or
  - Perform a clearance examination to document unit free of hazards





#### Does Temporary Relocation Trigger URA?

#### **Tenants**

- Covered by URA because they are involuntary participants
- All out of pocket expenses will be covered including temporary housing, storage, and other related costs
- Need to be provided notices per HUD 1378 Handbook

#### **Owner Occupants**

- Generally are not covered by URA because they are voluntary participants
- Grantee will need an optional relocation (non-URA) policy to define the temporary relocation benefits
- Although this is non-URA the LSHR requires the protection of occupants and their possessions during lead-hazard reduction work





#### 7. Final Inspection and Clearance

- Prior to final clearance, grantee should ensure that:
  - All specified work is complete and satisfactory
  - All lead hazard reduction measures and cleaning are completed
  - Inspectors must be careful not to contaminate the work site after cleaning
  - No less than one hour after work has been completed conduct clearance exam





#### 7. Final Inspection and Clearance (cont.)

- Clearance exam must be conducted before project completion
- Combined visual and quantitative environmental evaluation procedures to determine no lead-based paint hazards remain
- HUD's <u>Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing</u> has a chapter 15 on clearance and provides a "Clearance Report Review Worksheet" with recommended fields
- If outside party is hired, the parties conducting the lead hazard reduction activities and clearance must be independent of each other





#### Who Conducts a Clearance Examination?

- Clearance on all projects involving abatement (as defined by EPA) must be done by a certified risk assessor or a certified lead-based paint inspector.
- For properties covered by HUD's Lead Safe Housing Rule, clearance of non-abatement work may be performed by a certified risk assessor or lead-based paint inspector, or by a certified sampling technician.
  - In practice, there are very few such technicians.
  - Where applicable, check with your state lead abatement program for state-specific requirements.





#### Clearance Report and Notice

- Occupants must receive a Notice of Hazard Reduction, including:
  - Contact information and date of notice
  - Hazard reduction activities performed
  - LBP remaining, and
  - Clearance results
- Send within 15 days of completion of the hazard reduction work
- Work is complete when clearance is achieved!





### **Contents of Abatement and Clearance Reports**

Clearance Report		Abatement Report	
Property address.		Property address.	
Clearance examination information:		Clearance examination information:	
	Date of the clearance examination.	☐ Date of clearance testing.	
	Name, address, and signature of each person performing the clearance examination including certification number.	Name, address, and signature of each certified ris assessor or inspector conducting clearance sampling.	šk
	Visual assessment results.	☐ Clearance testing results and all soil analyses (if	
	Dust sample analysis, in $\mu g/sq.ft.$ , by location of sample.	applicable) and the name of each recognized laboratory that conducted the analysis.	
	Name and address of each laboratory that conducted the dust sample analysis, including their identification number.		
Hazard reduction or maintenance information:		Abatement information:	
	Start and completion dates of the hazard reduction or	Start and completion dates of abatement.	
ı	maintenance activity.	■ Name and address of each certified firm conduction	ng
-	Name and address of each firm or organization conducting the hazard reduction or maintenance activity, and the name of	the abatement, and the name of each supervisor assigned to the abatement project.	
l	each supervisor assigned.	Occupant protection plan.	
-	A detailed, written description of the hazard reduction or maintenance activity, to include:	☐ A detailed, written description of the abatement, to include:	
l	Methods;	Methods used;	
l	<ul> <li>Locations of exterior surfaces or soil;</li> </ul>	<ul> <li>Locations of rooms; and/or</li> </ul>	
l	Interior rooms;	<ul> <li>Components where abatement occurred, the</li> </ul>	,
I	Common areas; and/or	reason for selecting particular abatement	
l	Components where the hazard reduction activity	methods for each component, and any	
	occurred, and any suggested monitoring of encapsulants or enclosures.	suggested monitoring of encapsulants or enclosures.	





### **Key Resources: Final Inspection**

- Post Construction SWP Certification
- Sample of a Clearance Report
- Worksheet for Clearance Report Review
- Worksheet for Abatement Report Review
- Sample Notice of Lead Hazard Reduction





## Ongoing Maintenance During Affordability Period

# Subpart J Requirements for Ongoing Maintenance 8. Post Rehab

- Property owners of rental units assisted with HOME funds must incorporate ongoing LBP maintenance activities in regular building operations (Sec. 35.1355(a))
- A documented visual assessment for deteriorated paint, bare soil, and the failure of any hazard reduction measures must be performed at unit turnover and every twelve months
- Owner must request in writing that rental occupants monitor LBP surfaces and inform the owner of potential lead hazards.

**Exception:** If an LBP inspection indicates that no LBP is present, or a clearance report indicates all LBP has been removed the property is exempt from LBP maintenance requirements





## Ongoing Maintenance

Remaining LBP	If any LBP remains after the abatement, ongoing monitoring must be included as part of ongoing building operations to ensure that interim controls have not failed
Disclosures	Issued to new tenants prior to the execution of a lease along with the disclosures required with testing and clearance
Records	Maintained to document the initial lead hazard reduction or abatement work completed on all units and the ongoing efforts to maintain compliance
Deteriorated Paint	Identified by the visual inspection on interior and exterior surfaces located on the residential property shall be stabilized unless tested to determine it is not lead paint
Bare Soil	Treated with interim controls except for bare soil tested and determined no lead hazard
Safe Work Practices	Used when performing any maintenance or renovation work that disturbs LBP and clearance achieved
Failed Enclosure	Encapsulation or enclosure of LBP that have failed will need to be addressed and clearance achieved





# Building Capacity and Program Design

#### **Planning for Compliance**

- What steps to take next
  - Use Toolkit and 24 CFR Part 35 for additional details
- Find qualified contractors
- Program procedures
- Program design
- Training needs
- Outreach needs
- Resources available and resources needed
- Monitoring internal, subgrantees, owners





#### **Achieving Staff or Contractor Capacity**

- Grantee or subrecipients need adequate LSHR knowledge to oversee procurement and implementation of rehabilitation projects triggering the LSHR
- Program can hire outside paint inspectors or risk assessors or have staff certified
- Procured capacity will trigger federal procurement following an RFP/RFQ process
- Grantees determines staffing for visual assessments, risk assessments, clearance testing, and the delivery of all required notices
- Staffing includes oversight of temporary relocation, construction, and ongoing monitoring





### **Training Staff and Contractors**



Identify certified contractors and staff



Determine training sources



Establish training timetable



Policy
Who is trained?
Who pays for training?



Determine costs





#### **Procedures and Monitoring**

- Establish office and field procedures for completion of all required items
- Review the file checklist and documentation at every project stage
- Establish procedures and standards for the approval of contractor invoices, including submission of documents and photographs and on-site and/or video inspection by grantee staff
- Institute periodic review by third party monitor
- For states and other remote grantees, update procedures to require electronic transmission of documents and video inspections
- Enforce no documentation, no payment

More information in Ch. 24 of CPD Monitoring Handbook for LSHR





#### **Program Review**

#### **Monitoring**

Document a consistent assessment of projects except for units that qualify for an exemption

#### Knowledge

Provide training as needed and demonstrate that staff are knowledgeable about HUD's LSHR, the EPA RRP rule, and local program procedures for recordkeeping

# Lead Safe Work Practices

Use video, pictures and on-site inspections to show work is completed using Lead Safe Work Practices anytime a painted surface larger than the de minimis amounts are disturbed

# **Occupant Protection**

Document that temporary relocation required by the LSHR relocates tenants to units free of lead hazards and their belongings are protected





## Available Resources

#### **HUD Exchange Lead-Based Paint Page**



Home > Programs > Lead-Based Paint

#### Regulations

The Consumer Product Safety Commission banned the use of lead in house paint in 1978. Prior to 1978, lead-based paint (LIBP) was commonly used in homes; the older the home, the higher the concentration of lead in the paint. Title X, the Residential Lead-Based Paint Hazard Reduction Act, was passed in 1992. Title X required several Federal agencies, including HUD and the Environmental Protection Agency (EPA) to promulgate regulations designed to, in part, protect people, especially children, living in pre-1978 homes, where LBP may have been used.

The applicability of specific regulatory requirements depends on several housing factors including:

- Age of the housing unit(s
- Property being disposed of or assisted by the federal government
- · Type and amount of HUD assistance
- · Whether the dwelling is rental or privately owned
- . Whether the dwelling is occupied by a child less than six years of age

Learn more about HUD's Office of Lead Hazard Control and Healthy Homes (OLHCHH).

#### Lead Disclosure Rule

Requires disclosure of known information on LBP and LBP hazards before the sale or lease of most pre-1978 housing

#### Lead Safe Housing Rule

Applies to most pre-1978 "target housing" that is federally owned and/or receiving federal assistance

#### EPA's Renovation, Repair, and Painting Rule

Requires firms performing renovation, repair, and painting projects (RRP) that disturb LBP in most pre-1978 homes, childcare, pre-schools, and child-occupied facilities to obtain firm certification and use certified renovators





#### Resources

- OLHCHH homepage: <u>www.hud.gov/lead</u>
- Lead Regulations: <a href="http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations">http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations</a>
- Lead Safe Housing Rule (LSHR) Training: <a href="https://www.hudexchange.info/trainings/lead-safe-housing-rule/">https://www.hudexchange.info/trainings/lead-safe-housing-rule/</a>
- EPA page: <a href="https://www.epa.gov/lead">https://www.epa.gov/lead</a>
- Lead Compliance Advisor: <a href="https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html">https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html</a>
- Lead-Based Paint: <a href="https://www.hudexchange.info/programs/lead-based-paint/">https://www.hudexchange.info/programs/lead-based-paint/</a>
- HUD Guidelines: <a href="https://www.hud.gov/program">https://www.hud.gov/program</a> offices/healthy homes/lbp/hudguidelines

Contact OLHCHH: <u>leadregulations@hud.gov</u>





#### Schedule for Upcoming Webinar Sessions

- ✓ Completed: Session 1: Rehabilitation, Acquisition, Leasing, Services and Operations
- ✓ Completed: Session 2 Subpart J: Rehab Planning Phase
- ✓ Completed: Session 3 Subpart J: Rehab Construction Phase
- Next: Session 4 Subpart K: Acquisition, Leasing, Support Services and Operation Programs





Q&A

## Lead-Based Paint Regulations: Subpart K

Acquisition, Leasing, Support Services and Operations

We will be starting momentarily

February 2021





# Logistics

#### **Webinar Instructions**

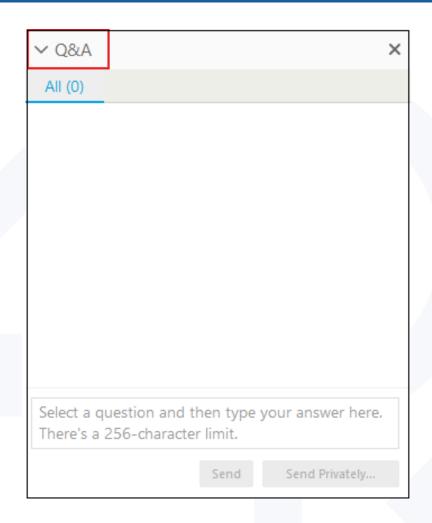
- PowerPoint and webinar recording will be available on the HUD Exchange
- Participants in 'listen only' mode
- Submit content related questions in Q&A box on right side of screen
- For technical issues, request assistance through the Chat box





#### **Questions?**

- Please submit your content related questions via the Q&A box
- Send to Host, Presenter and Panelists
- Questions will be answered during the webinar

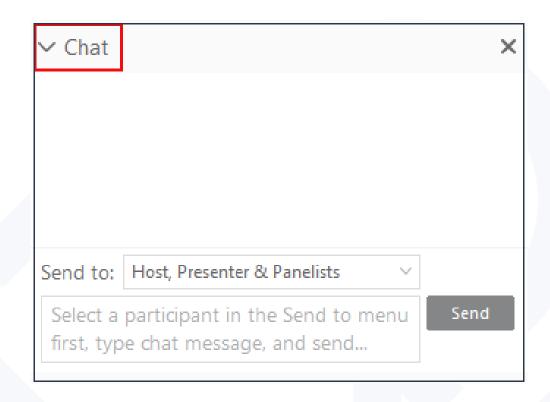






#### **Questions?**

- Please submit audio/visual or other technical questions via the Chat box
- Send the message directly to the Host
- Host will work directly with you to resolve those issues







# Lead-Based Paint Regulations: Subpart J and K

Subpart K: Acquisition, Leasing, Supportive Services, and Operations

February 2021





#### **Trainers**

Kris Richmond, ICF Les Warner, ICF

Bruce Haber, HUD OLHCHH Karen Griego, HUD OLHCHH





# **Series Overview**

#### Webinar Series Format

- Four weekly sessions
  - Up to 2 hours
  - 1-hour Office Hours will occur on the day after the webinar to review homework and answer questions
- Session 1 was mandatory, then choice of remaining sessions
  - Participants administering operating programs/projects including rehabilitation should attend Sessions 1-3
  - Those administering programs without rehab but including leasing, operations, or homebuyer should attend Session 1 and Session 4
  - See the Agenda and Subpart J and K to determine what sessions you need
- Some participants may want to attend all four sessions
- Links of recordings will be available





# Webinar Series Agenda



- Session 1
  - LSHR Basics
  - Regulatory Subparts per Assistance
     Type
- Session 2
  - Subpart J: Rehab Requirements for Planning

- Session 3
  - Subpart J: Rehab Requirements for Construction and Clearance
- Session 4
  - Subpart K: Acquisition, Leasing, Support Services and Operation Programs





# Goals for this Training Session

- Gain a deeper understanding of the Federal Lead-Based Paint Regulations
- Determine the types of HUD assistance and/or HUD programs that trigger the requirements of Subpart K
- Review the key minimal documentation requirements (i.e., visual assessment, paint stabilization, notification) plus more stringent options
- Introduce key terms and program procedure recommendations
- Provide a tour of the available resources





# **Activities that Trigger LSHR by Subpart**

Subpart	Type of Activity	
K	HUD assisted residential properties when the assistance is <b>limited to</b> : acquisition, leasing, support services, or operation	
Н	HUD assistance for project-based	
M	HUD assistance for tenant-based rental assistance	
J	HUD assistance for acquisition and rehabilitation over \$5,000	
С	Federal support solely in the form of mortgage insurance or sale of federally-owned housing	





# Subpart K – Examples of Acquisition, Leasing, Support Services, and Operations Programs

**Homeownership of Community Development Multifamily Units Block Grant HOME Investment Emergency Solutions Grants Partnerships (HOME) Indian Housing Block Grant Continuum of Care (CoC) Program Indian Community Housing Opportunities for Development Block Grant Persons with AIDS Program** \*Not an exhaustive list **Housing Trust Fund** 





# Lead Safe Housing Rule Applies Except When:

Date	Property constructed on or after January 1, 1978
Zero and Single Bedroom Units	Exemption does not apply if a child less than age 6 resides or is expected to reside in the dwelling unit
Elderly and Persons with disabilities housing	Housing for the elderly, or a residential property designated exclusively for persons with disabilities  • Exemption does not apply if a child less than age 6 resides or is expected to reside in the dwelling unit
LBP Free	Properties found to be LBP free by an inspection, or where all LBP has been identified, removed, and clearance achieved





# Lead Safe Housing Rule Applies Except When (Cont.):

Unoccupied to be demolished	An unoccupied property that is to be demolished and remains unoccupied until demolition	
Emergency repairs	Emergency repairs to protect life, health, safety or structure	
No paint disturbed	Rehabilitation that does not disturb a painted surface	
Adverse weather	Compliance with requirements for testing and remediation may be reasonably delayed due to adverse weather conditions  • Exterior work can be postponed until weather allows it	
< 100 days	Subpart K requirements do not apply for emergency payments of less than 100 days duration  • Extension of assistance (Including CARES program) triggers full compliance	





# Basics

# **Key Steps in LSHR Compliance Process**







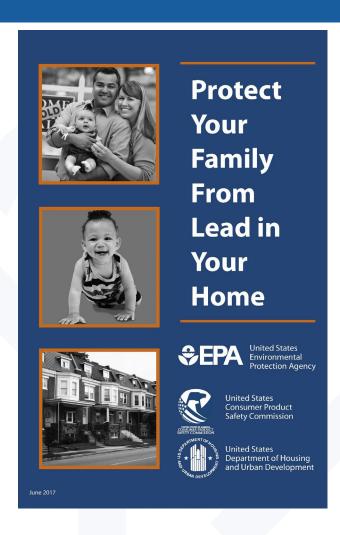
- Pamphlet, lead warning, knowledge
- Visual
- Assessment
- Test or presume
- Paint stabilization
- Clearance
- Notification to residents
- Ongoing relationship--LBP maintenance
- Visual assessment





# Lead Disclosure Rules Subpart A

- Applies to almost all pre-1978 for sale and rental units
- Occupants and Buyers must receive:
  - Pamphlet
  - Proper disclosure form
  - All known information (LBP, evaluations, hazards, and remediation)
- Must be completed and signed copy retained before any contract is signed







#### **Visual Assessment**

#### Visual Assessment – required for all units

- An inspection by a trained inspector to identify deteriorated paint, paint chips, dust and other debris
- Online HUD Visual Assessment training is recommended for all housing counselors and inspectors – Easy and Important! https://apps.hud.gov/offices/lead/training/visualassessment/h00101.htm
- Keep records (copy to buyers/occupants recommended)





#### Limited Exemption from Lead Safe Work Practices and Clearance

- Rehab that does not disturb painted surfaces:
- Lead safe work practices are not required when minor maintenance or activities disturb painted surfaces that are <u>less than</u> de minimis\* levels:
  - 2 sq. ft. per interior space
  - 10% of small component type
  - 20 sq. ft. for exterior work

\* Note: HUD de minimis levels are more protective than the EPA RRP guidelines





## **Subpart K Considerations**

- If the Visual Assessment identifies deteriorated paint, it must be repaired (stabilized).
- If the area of paint to be disturbed exceeds the HUD de minimis, then certain requirements apply.
- The buyer/owner may test the paint and if no LBP is found proceed without further requirements OR
- May presume the presence of LBP and use qualified contractors following HUD protocols
  - More information on presumption in session 2





# Paint Stabilization Using Lead Safe Work Practices

- Paint stabilization means:
  - Removing loose paint and other material from the surface to be treated
  - Repairing any defects in the substrate of a painted surface causing paint to deteriorate
  - Applying a new protective coating or paint
- Safe Work Practices are detailed methods for:
  - Controlling dust, protecting occupants, segregating the work area and HVAC, and cleaning effectively
- Work wet, clean wet, clean with HEPA
- Must be followed by formal third-party Clearance inspection and Notice to residents





# EPA Renovation, Repair and Painting Rule (RRP)

Contractors performing projects that disturb lead-based paint in homes, childcare facilities and pre-schools built before 1978 must:

- Have their firm certified by EPA or an EPA authorized state
- Use certified renovators trained by EPA-approved training providers
- Follow lead-safe work practices
- Provide "Renovate Right" pamphlet
- VIOLATIONS: Civil Money Penalties \$41,056 /unit









# **HUD LSHR More Stringent than RRP in Some Ways**

- For applicable work, RRP contractors must be used, but HUD requirements must be met
- Contracts should specify both
- Key differences include:
  - The de minimis area exception for HUD is smaller than in RRP
  - HUD requires testing for paint using lab testing, an approved XRF, or paint chip testing, not the swabs allowed in RRP
  - HUD requires formal post-work Clearance inspection by approved third party
- HUD requires formal Notice to buyer/occupant

For details, view the <u>HUD's LSHR and EPA's RRP Comparison Chart</u>





#### **Clearance and Notice**

- Clearance of non-abatement work performed by a certified risk assessor or LBP inspector
  - Can be a certified sampling technician in limited situations. In practice, there are very few such technicians.
  - Some variations among states
- No conflict of interest
  - Clearance examiners are independent from hazard control, rehabilitation, or maintenance work
  - May work for same firm that provides pre-work paint testing or risk assessment
- Occupants receive a <u>Notice of Lead Hazard Reduction</u> within 15 days of work completion
  - Contact information and date
  - Activities performed
  - · LBP remaining, and



Clearance results



## Risk Assessors and LBP Inspectors

- Lead-Based Paint Inspectors may perform inspection and postabatement and non-abatement clearance activities
- Risk assessors may perform inspection, post-abatement and nonabatement clearance, lead hazard screen, and risk assessment activities





## Finding Appropriate Firms and Individuals

- Some grantees and property owners/managers report they cannot find trainers, contractors, paint inspectors, risk assessors or clearance technicians they need
- Locate <u>Certified Renovation Firms</u> and <u>RRP Training Providers</u> from EPA's <u>Lead homepage</u>
  - Some states have their own RRP Programs
- Contact the <u>local entitlement (CDBG/HOME) grantee</u> for referrals
- Contact Lead-Based Paint Hazard Control Grantees





# Ongoing Maintenance - If Ongoing Relationship

Maintain the unit and common areas lead safe for continued occupancy.\* Lead safe means no deteriorated lead paint or failed hazard control methods.

Who	Owner/Operator/Program
What	<ol> <li>Ensures a trained visual assessor conducts regular visual <u>assessments</u></li> <li>Responds to and clears new or deteriorated LBP hazards identified in the assessment</li> <li>Repairs any failure of abatement methods such as encapsulation or enclosure controls</li> <li>Written notice asking residents to report deteriorated paint and any failure of encapsulation or enclosure</li> </ol>
When	Visual assessments at unit turnover and every twelve months, whichever is sooner



<sup>\*</sup>Not required for homebuyer or DPA





# **Knowledge Check**

#### 1. True or False?

A Risk Assessment is the required evaluation method for Subpart K.

#### 2. Who can perform paint stabilization?

- a) PHA employee
- b) RRP Certified Contractor or Workers
- c) Any contractor working on the home





# Acquisition and Homebuyer Specifics

# Homebuyer Programs Affected

- Homeownership programs funded by:
  - HOME
  - CDBG
- Potential homeownership assistance programs:
  - Downpayment assistance
  - Closing cost assistance
  - Loan guarantee
  - Subsidized interest rates
  - Finance acquisition





# Which Subpart is Triggered?

#### **Subpart K**

- Acquisition + Rehab <u>Under</u> \$5,000
- Subpart K provides more stringent requirements for rehab under \$5,000
  - Lead hazard reduction: paint stabilization of <u>all</u> deteriorated painted surfaces and clearance before occupancy

#### Subpart J

- Acquisition + Rehab <u>Over</u> \$5,000
- Risk Assessment, paint testing, interim controls, and LSWP on painted surfaces to be disturbed
- Sessions 2 & 3 covered rehab see recordings





## **Determining Level of Rehabilitation Assistance**

Level of Rehabilitation Assistance determines the required approach to lead-based paint testing and lead hazard control measures

The amount of rehabilitation assistance is the **lesser** of two amounts:

Hard costs of rehab from all sources per unit (excludes soft costs and lead hazard control)

OR

Federal assistance for all uses per unit





## **Level of Assistance Example**

**Example:** A family is purchasing a home. They are receiving \$10,000 in assistance for down payment, closing costs, and rehabilitation costs. The hard costs of rehabilitation are \$4,500.

Hard costs of rehab from all sources per unit: \$4,500

Federal assistance for all uses per unit: \$10,000

The level of assistance is \$4,500. Subpart K is triggered.





# Acquisition/Homebuyer: Requirements

	Acquisition/Homebuyer
Approach to Lead Hazard Evaluation and Reduction	Identify and stabilize deteriorated paint (2)
Pamphlet	Yes
Notification	Yes
Lead Hazard Evaluation	Visual Assessment
	Paint Stabilization
Lead Hazard Reduction	Lead safe work practices
	Clearance
Ongoing Maintenance	Not provided in homebuyer programs
EBLL Requirements	No
	Test deteriorated paint;
Options	Use safe work practices only on lead-based paint surfaced





# **Homebuyer: Key Actors**

- Administering agencies
  - State, city and county governments
- Program grantees
  - City and county governments
  - Nonprofit organizations
- Staff and contractors
  - Counselors and intake staff
  - Inspectors and contractors
- Program participants
  - Homebuyers





# Homebuyer: Implementation Key Homebuyer Program Activities

- 1. Application
- 2. Home selection
- 3. Purchase contract
- 4. Home inspection
- 5. Purchase negotiation and address lead hazards
- 6. Closing
- 7. Post-purchase counseling





#### 1. Application

- Application process used to:
  - Determine basic eligibility
  - Provide information and education
  - Select applicants
- Provides an opportunity to:
  - Distribute the Protect Your Family from Lead in Your Home pamphlet and educate the potential homebuyer about requirements
- Consider adding a module on lead-based paint to the local counseling program





#### 2. Home Selection

- Lead hazard education as part of any counseling or orientation helps homebuyer identify and evaluate potential homes
- Final home approval by program depends on physical inspection for Decent Safe and Sanitary (DSS) and Visual Assessment!
  - Often not possible, but inspection by program ideally occurs before purchase contract is executed.
  - Contracts MUST include options for buyer to inspect and request repairs





#### 3. Purchase Contract

- Seller must provide disclosure statement, AND
- Homebuyer option to evaluate (risk assessment or paint testing) per Subpart A
- Buyer may also opt for just Visual Assessment
- If lead-based paint hazards are found the homebuyer can:
  - Withdraw from contract/select another home or
  - Renegotiate the contract
  - But, not necessarily without penalties
  - Options depend on the specific language in the contract
- Contract and/or Repair request should specify RRP, SWP and Clearance





# Homebuyer: Implementation 4. Home Inspection



- Inspection after offer is accepted
- Visual assessment for deteriorated paint in pre-1978 homes –
   Trained Visual Assessor
- Inspection report to homebuyer and agency
- Online HUD Visual Assessment training is recommended for all housing counselors and inspectors

https://apps.hud.gov/offices/lead/training/visualassessment/h00101.htm





#### 5. Purchase Negotiation and Addressing Lead Hazards

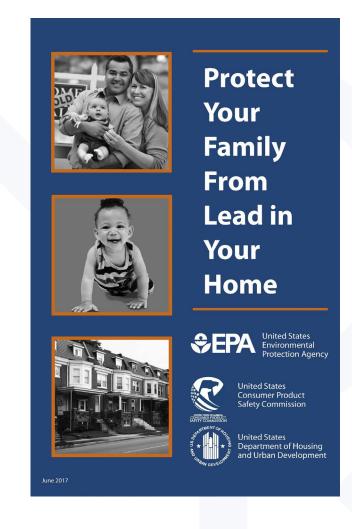
- Before purchase, lead hazards must be addressed:
  - Any painted surfaces that fail inspection must stabilized.
  - Work must be performed by RRP trained or supervised workers
- Sample Form: Checklist for Lead Hazard Reduction Activities
- After work, HUD-approved Clearance Must be Certified Third Party
  - Required before occupancy
- Homebuyer must receive Clearance and Notice of Lead Hazard Reduction activities.





## Homebuyer: Implementation 6. Closing

- Document receipt of the leadbased paint pamphlet
- See the toolkit form for residents at closing







## Homebuyer: Implementation 7. Post-purchase Counseling

- Helps reduce delinquency and default rates
- Educate about safe work practices (maintenance/repairs)







# Leasing, Support Services, and Operations Specifics

## Leasing, Support Services, and Operations Programs Affected

- Typically, these activities are found in special needs programs funded by:
  - CDBG, HOPWA, ESG, CoC
- Programs may include:
  - Acquisition or leasing of residential property
  - Support services and operations related to residential structures
- Special cases
  - For rehabilitation > \$5,000 (See Subpart J)
  - For tenant-based rental assistance (TBRA) (See Subpart M)







## **LSSO Housing: Requirements**

	Leasing, Support Services, or Operation
Approach to Lead Hazard Evaluation and Reduction	Identify and stabilize deteriorated paint
Pamphlet	Yes
Notification	Yes
Lead Hazard Evaluation	Visual Assessment
	Paint Stabilization
Lead Hazard Reduction	Safe work practices
	Clearance
Ongoing Maintenance	Yes, if ongoing assistance is provided
EBLL Requirements	No
	Test deteriorated paint;
Options	If LBP is NOT identified through XRF or
	paint chip sampling, no LSHW or clearance





## **LSSO Housing: Key Actors**

- · Grantees are responsible, but may assign duties to others
  - State, city and county governments
- Administering agencies
  - City and county governments
  - Subrecipients
  - Nonprofit organizations
- Program participants
  - Occupants
  - Property owners





## LSSO Housing: Implementation Initial Actions

- Visual assessment Trained Inspector
  - Plus, program required property standards, ex: HQS or equivalent program requirement
- Owner notification of visual assessment results
- Paint stabilization and cleanup RRP Certified Contractor or workers
- Clearance prior to occupancy Third Party
- Checklist for Lead Hazard Reduction Activities





## LSSO Housing: Implementation Ongoing Actions

 Notices (Lead hazard pamphlet, disclosure forms, Test/Presume, Lead Hazard Control, Clearance)

- Ongoing maintenance of painted surfaces
  - Incorporate into building operations
  - Visual assessment every 12 months/at turnover
  - Paint stabilization within 30 days of notification
- Recordkeeping





### Subpart K Leasing vs. Subpart M TBRA

#### Subpart K Leasing

- Activity may include short term emergency payments or payment of deposit for eligible tenant
- Typically does not constitute an ongoing rental subsidy for tenant, but might include ongoing support to the operator – maintenance required
- Eligible units must meet property standards

## Subpart M Tenant-Based Rental Assistance

- Ongoing rental assistance which is tied to the tenant rather than a specific location
- TBRA generally is provided on an ongoing basis, not emergency payments of 100 days or less
- Allows eligible tenant families to locate and rent privately owned housing
- Eligible units must meet property standards





### **Emergency Payments**

- Emergency payments are subject to Subpart K (Not M) but is exempt for first 100 days
  - Exempt from conducting a visual inspection and possible clearance actions prior to providing the emergency payments to keep the tenant in their current unit
- 100-day exemption is tied to the unit, not the occupant
  - Program administrators should keep cumulative number of days of assistance in mind
  - Ex: If a resident has assistance in January and moves out in April and a new resident applies in April, the exemption no longer applies since more than 100 days have passed.
- CDBG funds provided as emergency payments can be utilized to assist a household at risk of eviction
  - Maximum of 90 days





### **CDBG-CV Emergency Payments Example**

- CARES Act CDBG-CV funds are being used by grantees to address the impact of COVID-19
- Short Term Housing Assistance is being provided; CDBG-CV notice includes a waiver of the 3-month limit to allow for up to emergency payments up to 6-months
- Subpart K only exempts this activity up to 100 days
- If CDBG-CV funds are used for emergency payments for rental or mortgage payments that exceed 100 days a visual assessment, paint stabilization, and clearance testing will be required
- Other exemptions may apply such as a unit constructed on or after January 1978





### **Emergency Shelters**

If HUD funds are being used to operate an emergency shelter, is the shelter subject to the lead-based paint regulation?

- Depends on the configuration
- Most emergency shelters are exempt, because they fall under the definition of zerobedroom dwellings
- If the shelter does not qualify for the zero-bedroom exemption, it is covered by the regulation

**NOTE:** If children under 6 occupy a shelter, or zero bedroom unit, lead-safe policies must be in place regardless of the length of the occupancy.





## **Program Design Considerations**



#### **Standards**

Specify the standards eligible units must meet to receive assistance



#### **Applicant Warning**

Do not execute purchase agreements prior to evaluation or utilize an inspection clause



#### **Staffing**

Include certified visual assessor(s) to complete the required evaluations



## Policies and Procedures

Incorporate the Subpart K requirements and the collection of the required documentation



## Homebuyer Education

Information about the risks of lead-paint hazards





## **Program Review**

- Does program design promote lead-safe housing?
- Do procedures assure timely and efficient compliance?
- Are all parties fully aware of procedures and provided with forms and tools?
- Do beneficiaries understand how they can promote lead safety?
- Are inspectors trained in visual assessment or risk assessment?
- Are contractors trained and certified in RRP?





## **Knowledge Check**

- 1. What order should the following activities occur in a special needs housing program?
- A. Distribute pamphlet, visual assessment, paint stabilization, clearance
- B. Visual assessment, paint stabilization, distribute pamphlet, clearance

- 2. Who may conduct paint stabilization and clearance?
- A. The same worker must conduct paint stabilization and clearance
- B. Paint Stabilization: Trained or supervised worker
   Clearance: Certified RA, LBP inspector, or clearance technician
- C. Paint Stabilization: Certified RA,LBP inspector, or stabilizationtechnicianClearance: Trained or supervised

worker

- 3. Who is responsible for compliance with lead-based paint requirements?
- A. Housing providers
- B. Property owners
- C. Both





## Available Resources

## **HUD Exchange Lead-Based Paint Page**



Home > Programs > Lead-Based Paint

#### Regulations

The Consumer Product Safety Commission banned the use of lead in house paint in 1978. Prior to 1978, lead-based paint (LIBP) was commonly used in homes; the older the home, the higher the concentration of lead in the paint. Title X, the Residential Lead-Based Paint Hazard Reduction Act, was passed in 1992. Title X required several Federal agencies, including HUD and the Environmental Protection Agency (EPA) to promulgate regulations designed to, in part, protect people, especially children, living in pre-1978 homes, where LBP may have been used.

The applicability of specific regulatory requirements depends on several housing factors including:

- Age of the housing unit(s
- Property being disposed of or assisted by the federal government
- · Type and amount of HUD assistance
- · Whether the dwelling is rental or privately owned
- . Whether the dwelling is occupied by a child less than six years of age

Learn more about HUD's Office of Lead Hazard Control and Healthy Homes (OLHCHH).

#### Lead Disclosure Rule

Requires disclosure of known information on LBP and LBP hazards before the sale or lease of most pre-1978 housing

#### Lead Safe Housing Rule

Applies to most pre-1978 "target housing" that is federally owned and/or receiving federal assistance

#### EPA's Renovation, Repair, and Painting Rule

Requires firms performing renovation, repair, and painting projects (RRP) that disturb LBP in most pre-1978 homes, childcare, pre-schools, and child-occupied facilities to obtain firm certification and use certified renovators





#### Resources

- Lead Regulations: <a href="http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations">http://portal.hud.gov/hudportal/HUD?src=/program\_offices/healthy\_homes/enforcement/regulations</a>
- Lead Safe Housing Rule (LSHR) Training: <a href="https://www.hudexchange.info/trainings/lead-safe-housing-rule/">https://www.hudexchange.info/trainings/lead-safe-housing-rule/</a>
- EPA page: <a href="https://www.epa.gov/lead">https://www.epa.gov/lead</a>
- Lead Compliance Advisor: <a href="https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html">https://portalapps.hud.gov/CORVID/HUDLBPAdvisor/welcome.html</a>
- Lead-Based Paint: <a href="https://www.hudexchange.info/programs/lead-based-paint/">https://www.hudexchange.info/programs/lead-based-paint/</a>

Contact OLHCHH: <u>leadregulations@hud.gov</u>





Q&A