

GOVERNMENT OF THE DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY AND ENVIRONMENT
 LEAD-SAFE AND HEALTHY HOUSING DIVISION | LEAD COMPLIANCE AND ENFORCEMENT BRANCH

LEARNING OBJECTIVES

RISK ASSESSOR INSPECTOR EXAM

HISTORY AND HEALTH EFFECTS

List the effects of lead exposure on adults' health	List the effects of lead exposure on children's health
Identify the year lead-based paint was banned from residential paint	Describe the difference between various laboratory methods for analyzing lead
Identify potential lead exposure sources	List the routes of lead exposure in children
Identify how resident's hobbies and occupations might contribute to elevated blood lead levels and contamination of the home and personal items	List the groups of people that have higher lead absorption after ingestion
State the reference value for blood lead level in a child by the Centers for Disease Control (CDC)*	
*visit cdc.gov/nceh/lead/acclpp/blood_lead_levels.htm for more information	

REGULATION AND ENFORCEMENT

Identify the type of respirator that may be required for lead-based paint activities	Define "presumed lead-based paint" in the District
State why is it important to be familiar with State and local requirements for lead-based paint risk assessment	List the individuals that are qualified to conduct lead free unit inspections in accordance with the District lead regulations
Describe blank and spike samples and when must they be used in accordance with the District lead regulations	Identify which lead abatement and interim control methods are appropriate in accordance with the District lead law and regulations
Describe how the Resource Conservation and Recovery Act (RCRA) regulations apply to lead-based paint	Outline the key elements of the Occupational Safety and Health Administration's (OSHA) Lead in Construction Standard
State when an accredited training certificate for lead risk assessor and a District Department of Energy and Environment (DOEE) certification for lead risk assessor expire in accordance with the District lead regulations	List District, US Environmental Protection Agency (EPA) and United States Department of Housing and Urban Development (HUD) guidelines standard action and clearance levels for lead in dust
Explain when a Notice of Dust Sampling form must be submitted to DOEE	

ROLES / GOALS OF A LEAD RISK ASSESSOR

Outline the roles and responsibilities of a lead risk assessor	Explain the goal of a lead-based paint risk assessment
Identify the key elements of the Elevated Blood Lead (EBL) investigation questionnaire	Explain how to select units in multi-family building risk assessments
Describe why a lead risk assessor needs to know the renovation plan for the building	Explain how to select housing units in mixed-use building risk assessments
List the information that is needed for a property before conducting a lead-based paint risk assessment	

LEAD-BASED PAINT INSPECTION

Recognize basic building and construction terminology	Describe how a change in paint conditions may cause lead-based paint to become a hazard
Describe how you identify interior and exterior areas that need to be examined during a lead-based paint risk assessment	List the information that is needed about a child when conducting a lead-based paint risk assessment
Identify how to review previous lead-based paint inspection reports	Explain why it is important to take bare soil samples during a lead-based paint risk assessment
Explain how to perform a visual assessment of painted surfaces	List the types of paint failure and the possible causes
List the steps in a risk assessment	Explain how to conduct soil sampling
Identify the best way to control lead hazards for unidentified lead-based paint at a project	Calculate soil sample results in ppm and dust sample results in $\mu\text{g}/\text{ft}^2$
Identify the tools or equipment needed for sampling	Define "single surface" and "composite" dust sampling
Explain the difference between various types of water samples	Describe the key elements of a management plan for a multi-family building
Explain how to use an X-Ray Fluorescence (XRF) analyzer to read a lead-based paint surface	Identify the key elements of the performance characteristics sheet and how to use the sheet
List the advantages of paint film stabilization	Outline the difference of relative costs between various hazard control options
Describe the difference between a lead re-evaluation and lead risk assessment	Identify the causes of interior and exterior lead-based paint hazards
Describe the sample location selection requirements for a lead-based paint risk assessment	

REMEDIATION AND MONITORING

Describe which lead-hazard control activities are prohibited or not recommended	Differentiate between hazard controls or abatement methods for lead contaminated soil
Outline how to select appropriate hazard controls for different scenarios	Identify the elements involved in ongoing lead hazard monitoring
Identify the components of a visual inspection following interior and exterior lead abatement and interim controls	

CLEARANCE INSPECTION

Describe how to conduct a clearance inspection based on random number selection process	Explain the clearance examination process after lead-based paint activities in accordance with the District lead regulations
Identify when a clearance examination is needed	