



CHAPTER 3

LAWS, REGULATIONS, STANDARDS

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**Instructor's
Manual**



Learning objectives

In this chapter you will learn about

- the federal guidelines on lead
- the federal laws and regulations that protect workers and the environment
- your state, tribal, and local laws and regulations for lead.

Instructor's notes

The purpose of this chapter is to review all of the current laws, regulations, and standards relevant to lead-based paint abatement work. Regulations issued by EPA, HUD, and OSHA primarily in response to Title X are addressed in detail.

While this chapter in the student manual includes a lengthy discussion of the OSHA lead standard, **this course is not meant to replace the OSHA training required under that standard.** In a two-day course, as this was designed to be, there is not enough time to adequately cover all the very important aspects of the worker safety and health issues covered by OSHA. Therefore, the discussion on OSHA should be a general discussion stressing that the employer **must** supplement this training course with additional training on respirators and other PPE, as well as worker's rights, other safety and health standards and their requirements applicable to lead abatement projects.

Finally, the instructor should address specific issues concerning the state or Indian tribe regulations governing work in the state or tribe in which the workers will be conducting lead-based paint abatement. Many states have varying requirements and the worker needs to know those requirements as well as which ones apply to their job.

Training methods

It is recommended that you do both A and B.

- | | |
|-------------------------|------------|
| A. Lecture/Slides | 20 minutes |
| B. Small Group Activity | 40 minutes |

Instructor's Manual



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**Lecture/Slides****(20 minutes)**

Purpose: To provide basic, background information to the class. It can help ensure that everyone has a basic background before proceeding with the course.

Materials: Slide projector, slides

Directions: Make sure you involve the class in the slide presentation. Ask questions of the class to keep them involved.

Try not to read from the supplied notes about each slide. Using your own words will make it more interesting for the class. You can add any personal experience that you may have that is relevant. Notes are supplied for slides that are a part of this training kit. The notes include a copy or description of each slide.

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**Small group activity****(40 minutes)**

Purpose: This exercise will help trainees to review the OSHA lead standard, Title X, HUD and EPA lead-based paint regulations. In addition, they will become familiar with the major sections of the OSHA standard and EPA and HUD regulations. This will help them look up any questions they may have once they start doing lead-based paint abatement work.

Materials: Flip chart, markers, copies of the question sheets on the following pages.

Directions:

1. Break the class into three small groups with a minimum of three people in a group.
2. Have trainees turn to the Laws, Regulations, and Standards section of the student manual.
3. Photocopy the question sheets on the OSHA Lead Standard and Title X, EPA, and HUD regulations and assign each group a section. (It may also be valuable to design another sheet which addresses a state's or Indian tribe's requirements for workers.)
4. Make sure each group has a notetaker recording answers to the questions in their section.
5. Inform the class that they may have an opinion question. This means they will not find the answers in the manual, but they should have a discussion and give their own opinion.
6. After each group has answered its questions, review the answers as a class.

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Questions about the OSHA Lead Standard

Group 1

Directions:

Your instructor will divide the class into small groups for this exercise. Your group will answer the questions listed on this page. Use the “Airborne lead exposure” section of the manual (page 3-7) to answer the questions.

1. What is the Action Level for lead?

What must your employer do if you are exposed above the Action Level?

2. What is the PEL for lead?

What must your employer do if you are exposed above the PEL?

3. When must your employer give you the results of air sampling?

4. What can you do if your employer does not give you the air sampling results? (Give your own opinions.)

5. What kind of protection must you get before air sampling is done?

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Questions about the OSHA Lead Standard

Group 2

Directions:

Your instructor will divide the class into small groups for this exercise. Your group will answer the questions listed on this page. Use the “Regulations, Laws & Standards” section of the manual to answer the questions.

1. When must your employer provide you with a PAPR?

Under what conditions should your employer not give you a PAPR?

2. List two types of respirators your employer must provide to you if you are welding lead.

3. Name two respirator types your employer may provide to you if air sampling results show an exposure of $700 \mu\text{g}/\text{m}^3$.

Would a full-face, air-purifying respirator be adequate?

4. If you are using a heat gun (and no air sampling has been done), does your employer have to provide you with protective clothing and equipment?

If yes, how often must cleaned or new clothing be provided?

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Questions about Title X and EPA's and HUD's lead regulations

Group 3

Directions:

Your instructor will divide the class into small groups for this exercise. Your group will answer the questions listed on this page. Use the "Title X fact sheet" to answer these questions.

1. Why was Title X passed by Congress?
2. What lead professionals are required to be certified by your state or tribe (or EPA if your state does not have a accreditation/certification program)?
3. How is the federal government informing owners and renters of housing about the hazards of lead-based paint?
4. What has EPA defined as a lead-based paint hazard?
5. Who has established standards for many products and services used in the lead detection and abatement field?
6. How is HUD making HUD-assisted housing lead-safe?

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7. List five abatement activities that are prohibited by HUD and EPA when working in target housing or child-occupied facilities.
 - a.
 - b.
 - c.
 - d.
 - e.

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For more information

These publications have more information on the topics covered in this chapter. Your instructor has a copy of the publications marked with a star (*). You can order your own copies by calling 1-800-424-LEAD.

*EPA, *Lead: Identification of Dangerous Levels of Lead; Final Rule*; 40 CFR Part 745 (January 2001).

EPA, *Regulatory Status of Waste Generated by Contractors and Residents from Lead-Based Paint Activities Conducted in Households*, Interpretive Memorandum (July 2000).

EPA, *Lead: Requirements for Hazard Education Before Renovation of Target Housing; Final Rule*; 40 CFR Part 745 (June 1998).

*EPA, *Lead: Requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities*; 40 CFR Part 745 (August 1996).

EPA and HUD, *Lead: Requirements for Disclosure of Known Lead-Based Paint and/or Lead-Based Paint Hazards in Housing; Final Rule*; 40 CFR Part 745 and 24 CFR Part 35 (March 1996).

*HUD, *Requirements for Notification, Evaluation and Reduction of Lead-Based Paint Hazards in Federally Owned Residential Property and Housing Receiving Federal Assistance; Final Rule* (September 1999).

*HUD, *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (June 1995).

*OSHA, *Interim Final Lead in Construction Standard*, 29 CFR 1926.62 (May 1993).

National Lead Information Center: 1-800-424-LEAD.

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