

4761.2440 COURSE CONTENT AND LENGTH.

Subpart 1. **General requirements.** For purposes of this part, a training hour equals 50 minutes of instruction. A training course must be completed within 30 calendar days.

Subp. 2. **Lead workers.**

A. An initial training course for lead workers must be at least 16 training hours in length, including at least eight training hours of hands-on instruction.

B. The initial training course for lead workers must cover:

(1) the role and responsibilities of a lead worker;

(2) background information on lead used in consumer products;

(3) the adverse health effects of lead on children, pregnant women, and adults;

(4) background information on federal and state regulations and local ordinances that govern regulated lead work, including the requirements of Code of Federal Regulations, title 29, section 1926.62, for the use of personal protective clothing and respiratory protection;

(5) recognizing and controlling lead hazards;

(6) interior and exterior lead-based paint abatement, in-place abatement, and other lead hazard reduction methods, including prohibited practices;

(7) interior and exterior dust abatement methods;

(8) bare soil abatement methods;

(9) daily and final cleanup methods; and

(10) clearance inspections.

C. Hands-on instruction must be provided for the topics under item B, subitems (5) to (9). The student-to-instructor ratio must not exceed eight-to-one for hands-on instruction.

D. A refresher training course for lead workers must be at least eight training hours in length.

E. A refresher training course for lead workers must review the topics of the corresponding initial training course and cover current and new:

(1) safety practices;

(2) federal and state regulations regarding regulated lead work; and

(3) technologies for regulated lead work.

Subp. 3. Lead supervisors.

A. An initial training course for lead supervisors must be at least 32 training hours in length, including at least eight training hours of hands-on instruction.

B. The initial training course for lead supervisors must cover:

(1) the role and responsibilities of a lead supervisor;

(2) background information on lead used in consumer products;

(3) the adverse health effects of lead on children, pregnant women, and adults;

(4) background information on federal and state regulations and local ordinances that govern regulated lead work, including the requirements of Code of Federal Regulations, title 29, section 1926.62, for the use of personal protective clothing and respiratory protection;

(5) liability and insurance issues related to lead hazard reduction;

(6) developing and implementing an occupant protection plan;

(7) interpreting lead risk assessment and inspection reports;

(8) developing and implementing an abatement report;

(9) recognizing and controlling lead hazards;

(10) interior and exterior abatement, in-place management, and other lead hazard reduction methods, including prohibited practices;

(11) interior and exterior dust abatement methods;

(12) bare soil abatement methods;

(13) daily and final cleanup methods;

(14) clearance standards, inspections, and testing;

(15) waste disposal; and

(16) record keeping.

C. Hands-on instruction must be provided for the topics under item B, subitems (6) to (13). The student-to-instructor ratio must not exceed eight-to-one for hands-on instruction under item B, subitems (9) to (13).

D. A refresher training course for lead supervisors must be at least eight training hours in length.

E. A refresher training course for lead supervisors must review the topics of the corresponding initial training course and cover current and new:

- (1) safety practices;
- (2) federal and state regulations regarding regulated lead work; and
- (3) technologies for regulated lead work.

Subp. 4. Lead inspectors.

A. An initial training course for lead inspectors must be at least 24 training hours in length, including at least eight training hours of hands-on instruction.

B. An initial training course for lead inspectors must cover:

- (1) the role and responsibilities of a lead inspector;
- (2) background information on lead used in consumer products;
- (3) the adverse health effects of lead on children, pregnant women, and adults;
- (4) background information on federal and state regulations and local ordinances that govern regulated lead work, including the requirements under part 4730.0400 for registration of x-ray fluorescence analyzers;
- (5) inspection methods for lead-based paint, including selecting rooms and building components for sampling or testing;
- (6) sampling methods for paint, dust, bare soil, and drinking water;
- (7) clearance standards and inspections, including random sampling;
- (8) report writing; and
- (9) record keeping.

C. Hands-on instruction must be provided for topics under item B, subitems (5) to (8). The student-to-instructor ratio must not exceed eight-to-one for hands-on instruction under item B, subitems (5) and (6).

D. A refresher training course for lead inspectors must be at least eight training hours in length.

E. A refresher training course for lead inspectors must review the topics of the corresponding initial training course and cover current and new:

- (1) safety practices;
- (2) federal and state regulations regarding regulated lead work; and
- (3) technologies for regulated lead work.

Subp. 5. Lead risk assessors.

A. An initial training course for lead risk assessors must be at least 16 training hours in length, including at least four training hours of hands-on instruction.

B. The initial training course for lead risk assessors must cover:

- (1) the role and responsibilities of a lead risk assessor;
- (2) collecting background information to perform a lead risk assessment;
- (3) sources of environmental lead contamination, including paint, dust, bare soil, drinking water, air, packaging, and food;
- (4) lead hazard screening protocol;
- (5) visually inspecting and identifying potential sources of lead-based paint hazards;
- (6) sampling methods for paint, dust, bare soil, drinking water, and other potential sources of lead exposure;
- (7) interpreting lead inspection sample results, including the application of clearance standards and inspections;
- (8) developing lead hazard control options, including lead hazard reduction, and operations and maintenance activities that reduce lead hazards; and
- (9) report writing.

C. Hands-on instruction must be provided for the topics under item B, subitems (5) to (9). The student-to-instructor ratio must not exceed eight-to-one for hands-on instruction under item B, subitem (6).

D. A refresher training course for lead risk assessors must be at least eight training hours in length.

E. A refresher training course for lead risk assessors must review the topics of the corresponding initial training course and cover current and new:

- (1) safety practices;
- (2) federal and state regulations regarding regulated lead work; and
- (3) technologies for regulated lead work.

Subp. 6. Lead project designers.

A. An initial training course for lead project designers must be at least eight training hours in length.

- B. The initial training course for lead project designers must cover:
- (1) the role and responsibilities of a lead project designer;
 - (2) developing and implementing an occupant protection plan for a lead hazard reduction project;
 - (3) lead-based paint abatement, in-place management, and lead-based paint hazard reduction methods, including prohibited practices;
 - (4) internal and external dust abatement and cleanup for a lead hazard reduction project;
 - (5) clearance standards and testing; and
 - (6) integrating regulated lead work with modernization and rehabilitation projects.
- C. A refresher training course for lead project designers must be at least four training hours in length.
- D. A refresher training course for lead project designers must review the topics of the corresponding initial training course and cover current and new:
- (1) safety practices;
 - (2) federal and state regulations regarding regulated lead work; and
 - (3) technologies for regulated lead work.

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