

**641—70.4 (135) Course approval and standards.** All lead professional training courses for initial certification and refresher training must be approved by the department. Training programs shall not state that they have been approved by the state of Iowa unless they have met the requirements of 641—70.4(135) and been issued a letter of approval by the department. Lead-safe work practices training programs that were approved by the department prior to January 13, 2010, must reapply for approval.

**70.4(1)** Training courses shall meet the following requirements:

*a.* The training program offering the course shall employ a training manager who has the following qualifications:

(1) A bachelor's or graduate degree in building construction technology, engineering, industrial hygiene, safety, public health, or a related field; or two years of experience in managing a training program specializing in environmental hazards.

(2) Demonstrated experience, education, or training in lead professional activities, including lead inspection, lead abatement, lead-safe work practices, painting, carpentry, renovation, remodeling, occupational safety and health, or industrial hygiene.

*b.* The training manager shall designate a qualified principal instructor for each course who has the following qualifications:

(1) Demonstrated experience, education, or training in teaching workers or adults.

(2) Certification as a lead inspector/risk assessor, elevated blood lead (EBL) inspector/risk assessor, or lead abatement contractor. In the case of a course for training lead-safe renovators, the principal instructor may be certified as a sampling technician.

(3) Demonstrated experience, education, or training in lead professional activities, including lead inspection, lead abatement, lead-safe work practices, painting, carpentry, renovation, remodeling, occupational safety and health, or industrial hygiene.

*c.* The principal instructor shall be responsible for the organization of the course and oversight of the teaching of all course material. The training manager may designate guest instructors as needed to provide instruction specific to the lecture, hands-on activities, or work practice components of a course.

*d.* The training program shall ensure the availability of, and provide adequate facilities for, the delivery of the lecture, course test, hands-on training, and assessment activities. This includes providing training equipment that reflects current work practices and maintaining or updating the equipment as needed.

*e.* The training manager shall maintain the validity and integrity of the hands-on skills assessment to ensure that it accurately evaluates the trainees' performance of the work practices and procedures associated with the course topics contained in subrules 70.4(3) to 70.4(17).

*f.* The training manager shall maintain the validity and integrity of the course test to ensure that it accurately evaluates the trainees' knowledge and retention of the course topics.

*g.* The course test shall be developed in accordance with the test blueprint submitted with the course approval application. Training programs may use course tests developed by the department.

*h.* The training program shall issue unique course completion certificates to each individual who passes the course. The course completion certificate shall be issued in color. The course completion certificate shall include:

(1) The name and address of the individual, a photograph of the individual, and a unique identification number.

(2) The name of the particular course that the individual completed and the course length in hours.

(3) Dates of course completion and test passage.

(4) The name, address, and telephone number of the training program.

(5) The signature of the training manager.

*i.* The training manager shall develop and implement a quality control plan. The plan shall be used to maintain and improve the quality of the training program over time. This plan shall contain at least the following elements:

(1) Procedures for periodic revision of training materials and the course test to reflect changes in regulations and recommended practices.

(2) Procedures for the training manager to conduct an annual review of the competency of the principal instructor and all other instructors.

*j.* The training program shall offer courses that teach the work practice standards for conducting lead-based paint activities contained in 641—70.6(135) and other standards developed by the department. These standards shall be taught in the appropriate courses to provide trainees with the knowledge needed to perform the lead-based paint activities they are responsible for conducting.

*k.* The training manager shall ensure that each course meets the requirements in this rule for the number of training hours and hours of hands-on training. The training manager shall ensure that any student who misses more than 20 minutes of class time makes up the time before taking the course test.

*l.* The training manager shall ensure that the training program complies at all times with all requirements in this rule.

*m.* The training manager shall allow the department to audit the training program to verify the contents of the application for approval and for reapproval.

*n.* The training program shall maintain, and make available to the department, upon request, the following records:

(1) All documents specified in paragraph 70.4(2) “*f.*”

(2) Current curriculum/course materials and documents reflecting any changes made to these materials.

(3) The course test blueprint and the course test.

(4) Information regarding how the hands-on assessment is conducted including, but not limited to, who conducts the assessment, how the skills are graded, what facilities are used, and the pass/fail rate.

(5) The quality control plan as described in paragraph 70.4(1) “*i.*”

(6) A file for each student who has completed a course. Each student file shall contain the following:

1. The student’s name, address, and telephone number.

2. The student’s test and answer sheet.

3. A copy of the student’s course completion certificate.

4. A copy of the student’s hands-on skill assessment, if applicable.

5. A photograph of the student as taken by the training program.

(7) A file for each individual course that has been offered. Each file shall include the following:

1. The dates of the course.

2. The location of the course.

3. The instructors who taught the course.

4. A paper or electronic copy of the curriculum used for the course.

5. A copy of the test used for the course.

6. Documentation of the times that each student was present at the course, including documentation of how a student made up missed time.

7. The course evaluations.

(8) Any other materials that have been submitted to the department as part of the program’s application for approval.

*o.* The training program shall retain all required records at the address specified on the training program approval application for a minimum of six years.

*p.* The training program shall notify the department in writing within 30 days of changing the address specified on its training program approval application or transferring the records from that address.

*q.* A training program shall notify the department in writing at least 7 days in advance of offering an approved course. The notification shall include the date(s), time(s), and location(s) where the approved course will be held. A training program shall notify the department at least 24 hours in advance of canceling an approved course.

*r.* The training program shall take a digital photograph of each student. The digital photograph shall be the same photograph that appears on the training certificate and is submitted to the department. The photograph shall meet the following specifications:

- (1) The individual shall be facing the camera.
- (2) The individual's head shall not be tilted.
- (3) The individual's head shall cover approximately half of the photo area.
- (4) The individual shall be in front of a neutral or light-colored background.
- (5) The individual shall not wear any items that detract from the face, such as hats or sunglasses.

Only head coverings worn for religious reasons may be worn. Religious head coverings may not cover the face of the individual.

- (6) Photographs shall be 24-bit color depth.

*s.* A training program shall provide the following information to the department electronically in a format specified by the department within 30 days of the conclusion of an approved course for each student who has taken the approved course:

- (1) Name, address, and social security number.
- (2) Course completion certificate number.
- (3) Test score.
- (4) The photograph of each student as taken by the training program shall be submitted as a joint photographic experts group (JPEG) file with a size of at least two inches by two inches and a minimum resolution of 300 pixels per inch.

**70.4(2)** If a training program desires approval of a course by the department, the training program shall apply to the department for approval of the course at least 90 days before the initial offering of the course if the training program will use materials developed by the training program. If the training program will use materials developed by the department, the training program shall apply to the department for approval of the course at least 30 days before the initial offering of the course. The department may allow courses to be offered sooner if the department completes the approval in less than 30 days. The application shall include:

- a.* Training program name, contact person, address, and telephone number.
- b.* Course dates and times.
- c.* Course location, including a description of the facilities and equipment to be used for lecture and hands-on training.
- d.* Course agenda, including approximate times allotted to each training segment.
- e.* A copy of each reference material, text, student and instructor manuals, and audio-visual material used in the course. These materials may also be provided by the department.

*f.* The name(s) and qualifications of the training manager, principal instructor(s), and guest instructor(s). The following documents shall be submitted as evidence that training managers and principal instructors have the education, work experience, training requirements, or demonstrated experience required by subrule 70.4(1):

- (1) Official transcripts or diplomas as evidence of meeting the education requirements.
- (2) Résumés, letters of reference, or documentation of work experience, as evidence of meeting the work experience requirements.
- (3) Certificates from lead-specific training courses, as evidence of meeting the training requirements.

- g.* A copy of the course test blueprint. The course test may also be provided by the department.
- h.* A description of the activities and procedures that will be used for conducting the assessment of hands-on skills for each course.
- i.* Maximum class size.
- j.* A copy of the quality control plan for the course.
- k.* A nonrefundable fee of \$200.

**70.4(3)** To be approved for the training of lead inspector/risk assessors and elevated blood lead (EBL) inspector/risk assessors, a course must be at least 40 training hours with a minimum of 12 hours devoted to hands-on training activities. Lead inspector/risk assessor and elevated blood lead (EBL) inspector/risk assessor training courses shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a.* Role and responsibilities of an inspector/risk assessor.
- b.* Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.
- c.* Background information on federal, state, and local regulations and guidance that pertain to lead-based paint and lead-based paint activities.
- d.* Lead-based paint inspection methods, including selection of rooms and components for sampling or testing to determine if a property is free of lead-based paint as specified in the Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1995, U.S. Department of Housing and Urban Development), and methods to determine if lead-based paint hazards are present in a property.\*
- e.* Paint, dust, and soil sampling methodologies.\*
- f.* Clearance standards and testing, including random sampling.\*
- g.* Collection of background information to perform a risk assessment.
- h.* Sources of environmental lead contamination such as paint, surface dust and soil, and water.
- i.* Visual inspection to identify lead-based paint hazards.\*
- j.* Lead hazard screen protocol.
- k.* Visual risk assessment protocol.
- l.* Reevaluation protocol.
- m.* In the case of renovation, procedures for using recognized test kits to determine whether paint is lead-based paint.\*
- n.* In the case of renovation, methods to ensure that the renovation has been properly completed, including postrenovation cleaning verification and clearance testing.\*
- o.* Sampling for other sources of lead exposure.\*
- p.* Interpretation of lead-based paint and other lead sampling results, including all applicable federal, state, and local guidance or regulations pertaining to lead-based paint hazards.\*
- q.* Development of lead hazard control options.
- r.* The role of interim controls, operation and maintenance activities, and renovation in reducing lead-based paint hazards.
- s.* Approved methods for conducting lead-based paint abatement, interim controls, operation and maintenance activities, and renovation.
- t.* Prohibited methods for conducting lead-based paint abatement, interim controls, operation and maintenance activities, and renovation.
- u.* Interior dust abatement and cleanup.
- v.* Soil and exterior dust abatement and cleanup.
- w.* Preparation of the final reports for lead inspections, lead-free inspections, risk assessments, visual assessments, lead hazard screens, clearance testing after lead abatement, clearance testing after renovation, reevaluation, and clearance testing after interim controls, paint stabilization, standard treatments, ongoing lead-based paint maintenance, and rehabilitation pursuant to 24 CFR Part 35.
- x.* Record keeping.

y. The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

z. The instructor shall provide each student with instructions and forms needed to apply to the department for certification and information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

aa. All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(4)** To be approved for the training of lead inspector/risk assessors and elevated blood lead (EBL) inspector/risk assessors who have already completed an approved sampling technician course, a course must be at least 20 training hours with a minimum of 8 hours devoted to hands-on training activities. The training course shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

a. Role and responsibilities of a lead inspector/risk assessor and elevated blood lead (EBL) inspector/risk assessor.

b. Lead-based paint inspection methods, including selection of rooms and components for sampling or testing to determine if a property is free of lead-based paint as specified in the work practice standards in 641—70.6(135), and methods to determine if lead-based paint hazards are present in a property.\*

c. Collection of background information to perform a risk assessment.

d. Lead hazard screen protocol.

e. Reevaluation protocol.

f. Sampling for other sources of lead exposure.\*

g. Interpretation of lead-based paint and other lead sampling results, including all applicable federal, state, and local guidance or regulations pertaining to lead-based paint hazards.\*

h. Development of lead hazard control options, including lead abatement.\*

i. The role of interim controls, operation and maintenance activities, and renovation in reducing lead-based paint hazards.

j. Approved methods for conducting lead abatement, interim controls, operation and maintenance activities, and renovation.

k. Prohibited methods for conducting lead abatement, interim controls, operation and maintenance activities, and renovation.

l. Preparation of the final reports for lead inspections, lead-free inspections, risk assessments, lead hazard screens, reevaluation, and clearance testing after lead abatement.

m. Record keeping.

n. The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

o. The instructor shall provide each student with instructions and forms needed to apply to the department for certification and information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

p. All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(5)** Rescinded IAB 3/31/04, effective 5/5/04.

**70.4(6)** Rescinded IAB 3/31/04, effective 5/5/04.

**70.4(7)** Rescinded IAB 3/31/04, effective 5/5/04.

**70.4(8)** To be approved for the training of lead abatement contractors, a course must be at least 40 training hours with a minimum of 12 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a. Role and responsibilities of a lead abatement contractor.
- b. Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.
- c. Background information on federal, state, and local regulations and guidance that pertain to lead-based paint and lead-based paint activities.
- d. Liability and insurance issues relating to lead abatement, interim controls, and renovation.
- e. Identification of lead-based paint and lead-based paint hazards.\*
- f. Interpretation of lead inspection reports.\*
- g. Development and implementation of an occupant protection plan, lead abatement report, and renovation report.
- h. Respiratory protection and protective clothing.\*
- i. Employee information and training.
- j. Approved methods for conducting lead abatement, interim controls, and renovation.\*
- k. Prohibited methods for conducting lead abatement, interim controls, and renovation.
- l. Interior dust abatement and cleanup.\*
- m. Soil and exterior dust abatement and cleanup.\*
- n. Clearance standards and testing, including random sampling.
- o. Cleanup, waste handling, and waste disposal.
- p. In the case of renovation, interior and exterior containment and cleanup methods.\*
- q. In the case of renovation, providing on-the-job training to other workers.\*
- r. In the case of renovation, procedures for using recognized test kits to determine whether paint is lead-based paint, including preparation of the required report.\*
- s. In the case of renovation, methods to ensure that the renovation has been properly completed, including postrenovation cleaning verification and clearance testing.\*
- t. In the case of renovation, record preparation and record keeping.
- u. Record keeping for lead abatement.
- v. The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.
- w. The instructor shall provide each student with instructions and forms needed to apply to the department for certification and information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.
- x. All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(9)** To be approved for the training of lead abatement contractors who have already completed an approved lead abatement worker course, a course must be at least 16 training hours with a minimum of 4 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a. Role and responsibilities of a lead abatement contractor.
- b. Liability and insurance issues relating to lead abatement.
- c. Interpretation of lead inspection reports.\*

- d.* Development and implementation of an occupant protection plan and abatement report.
- e.* Employee information and training.
- f.* Clearance standards and testing, including random sampling.
- g.* Record keeping for lead abatement.
- h.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment.

The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*i.* The instructor shall provide each student with instructions and forms needed to apply to the department for certification and with information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

*j.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(10)** To be approved for the training of lead abatement workers, a course must be at least 24 training hours with a minimum of 8 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a.* Role and responsibilities of a lead abatement worker.
- b.* Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.
- c.* Background information on federal, state, and local regulations and guidance that pertain to lead-based paint and lead-based paint activities.
- d.* Identification of lead-based paint and lead-based paint hazards.\*
- e.* Approved methods for conducting lead abatement, interim controls, and renovation.\*
- f.* Prohibited methods for conducting lead abatement, interim controls, and renovation.
- g.* Interior dust abatement and cleanup.\*
- h.* Soil and exterior dust abatement and cleanup.\*
- i.* Cleanup, waste handling, and waste disposal.
- j.* Respiratory protection and protective clothing.\*
- k.* Personal hygiene.
- l.* In the case of renovation, interior and exterior containment and cleanup methods.\*
- m.* In the case of renovation, providing on-the-job training to other workers.\*
- n.* In the case of renovation, procedures for using recognized test kits to determine whether paint is lead-based paint, including preparation of the required report.\*
- o.* In the case of renovation, methods to ensure that the renovation has been properly completed, including postrenovation cleaning verification and clearance testing.\*
- p.* In the case of renovation, record preparation and record keeping.
- q.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment.

The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*r.* The instructor shall provide each student with instructions and forms needed to apply to the department for certification. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

*s.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(11)** To be approved for the training of sampling technicians, a course must be at least 20 training hours with a minimum of 4 hours devoted to hands-on training activities. The training course shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a. Role and responsibilities of a sampling technician.
- b. Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.
- c. Background information on federal, state, and local regulations and guidance that pertain to lead-based paint and lead-based paint activities.
- d. Methods of conducting visual risk assessments.\*
- e. Paint, dust, and soil sampling methodologies.\*
- f. In the case of renovation, procedures for using recognized test kits to determine whether paint is lead-based paint.\*
- g. Clearance standards and testing.\*
- h. Identification of lead-based paint hazards.\*
- i. Sources of environmental lead contamination such as paint, surface dust and soil, and water.
- j. Visual inspection to identify lead-based paint hazards.\*
- k. Approved methods for conducting lead abatement, interim controls, operation and maintenance activities, and renovation.
- l. Prohibited methods for conducting lead abatement, interim controls, operation and maintenance activities, and renovation.
- m. Methods of interim controls and lead abatement for interior dust and cleanup.
- n. Methods of interim controls and lead abatement for exterior dust and soil and cleanup.
- o. Preparation of the final visual assessment report.
- p. Preparation of clearance testing reports for clearance testing after renovation and clearance testing after interim controls, paint stabilization, standard treatments, ongoing lead-based paint maintenance, and rehabilitation pursuant to 24 CFR Part 35.
- q. Record keeping.
- r. The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.
- s. The instructor shall provide each student with instructions and forms needed to apply to the department for certification. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.
- t. All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(12)** To be approved for the training of project designers, a course must be at least 48 instructional training hours with a minimum of 12 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a. Role and responsibilities of a lead abatement contractor.
- b. Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.
- c. Background information on federal, state, and local regulations and guidance that pertain to lead-based paint and lead-based paint activities.
- d. Liability and insurance issues relating to project design.
- e. Identification of lead-based paint and lead hazards.\*
- f. Interpretation of lead inspection reports.\*

- g. Development and implementation of an occupant protection plan, lead abatement report, and renovation report.
  - h. Respiratory protection and protective clothing.\*
  - i. Employee information and training.
  - j. Approved methods for conducting lead abatement, interim controls, and renovation.\*
  - k. Prohibited methods for conducting lead abatement, interim controls, and renovation.
  - l. Interior dust abatement and cleanup.\*
  - m. Soil and exterior dust abatement and cleanup.\*
  - n. Clearance standards and testing, including random sampling.
  - o. Cleanup, waste handling, and waste disposal.
  - p. In the case of renovation, providing on-the-job training to other workers.\*
  - q. In the case of renovation, procedures for using recognized test kits to determine whether paint is lead-based paint, including preparation of the required report.\*
  - r. In the case of renovation, methods to ensure that the renovation has been properly completed, including postrenovation cleaning verification and clearance testing.\*
  - s. In the case of renovation, record preparation and record keeping.
  - t. Record keeping for lead abatement.
  - u. Role and responsibilities of a project designer.
  - v. Development and implementation of an occupant protection plan for large-scale lead abatement projects.
  - w. Lead abatement and lead hazard reduction methods, including restricted practices for large-scale lead abatement projects.
  - x. Interior dust abatement/cleanup or lead hazard control and reduction methods for large-scale lead abatement projects.
  - y. Clearance standards and testing for large-scale lead abatement projects.
  - z. Integration of lead abatement methods with modernization and rehabilitation projects for large-scale lead abatement projects.
  - aa. The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.
  - ab. The instructor shall provide each student with instructions and forms needed to apply to the department for certification and with information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.
  - ac. All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.
- 70.4(13)** To be approved for the training of project designers who have already completed an approved lead abatement contractor course, a course must be at least 8 instructional training hours and shall cover at least the following subjects:
- a. Role and responsibilities of a project designer.
  - b. Development and implementation of an occupant protection plan for large-scale abatement projects.
  - c. Lead abatement and lead hazard reduction methods, including restricted practices for large-scale lead abatement projects.
  - d. Interior dust abatement/cleanup or lead hazard control and reduction methods for large-scale lead abatement projects.
  - e. Clearance standards and testing for large-scale lead abatement projects.
  - f. Integration of lead abatement methods with modernization and rehabilitation projects for large-scale lead abatement projects.

*g.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*h.* The instructor shall provide each student with instructions and forms needed to apply to the department for certification and information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

*i.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(14)** To be approved for the training of project designers who have already completed an approved lead abatement worker course, a course must be at least 24 instructional training hours with a minimum of 4 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a.* Role and responsibilities of a lead abatement contractor.
- b.* Liability and insurance issues relating to lead abatement.
- c.* Interpretation of lead inspection reports.\*
- d.* Development and implementation of an occupant protection plan and lead abatement report.
- e.* Employee information and training.
- f.* Clearance standards and testing, including random sampling.
- g.* Record keeping.
- h.* Role and responsibilities of a project designer.
- i.* Development and implementation of an occupant protection plan for large-scale lead abatement projects.
- j.* Lead abatement and lead hazard reduction methods, including restricted practices for large-scale lead abatement projects.
- k.* Interior dust abatement/cleanup or lead hazard control and reduction methods for large-scale lead abatement projects.
- l.* Clearance standards and testing for large-scale lead abatement projects.
- m.* Integration of lead abatement methods with modernization and rehabilitation projects for large-scale lead abatement projects.
- n.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*o.* The instructor shall provide each student with instructions and forms needed to apply to the department for certification and information provided by the department regarding the state certification examination. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

*p.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(15)** To be approved for the training of lead-safe renovators, a course must be at least 8 instructional training hours with a minimum of 2 hours devoted to hands-on activities and shall cover at least the following subjects (requirements ending in an asterisk (\*) indicate areas that require hands-on activities as an integral component of the course):

- a.* Background information on lead and its adverse health effects, how children and adults are exposed to lead, and how to prevent lead exposure in children and adults.

*b.* Background information on federal, state, and local regulations and guidance that pertain to lead-based paint, lead-based paint activities, and renovation activities.

*c.* Procedures for using recognized test kits to determine whether paint is lead-based paint, including preparation of the required report.\*

*d.* Renovation methods to minimize the creation of dust and lead-based paint hazards.\*

*e.* Prohibited methods of renovation.

*f.* Interior and exterior containment and cleanup methods.\*

*g.* Methods to ensure that the renovation has been properly completed, including postrenovation cleaning verification and clearance testing.\*

*h.* Waste handling and disposal.

*i.* Providing on-the-job training to other workers.\*

*j.* Record preparation and record keeping.

*k.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment.

The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*l.* The instructor shall provide each student with instructions and forms needed to apply to the department for certification. The instructor shall also provide each student with a current copy of this chapter and 641—Chapter 69.

*m.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(16)** To be approved for refresher training of sampling technicians, lead abatement contractors, lead abatement workers, and project designers, a course must be at least 8 training hours. To be approved for refresher training of lead inspector/risk assessors and elevated blood lead (EBL) inspector/risk assessors who completed an approved 24-hour training course, a course must be at least 8 training hours to meet the recertification requirements of subrule 70.5(3). To be approved for refresher training of lead inspector/risk assessors and elevated blood lead (EBL) inspector/risk assessors to meet the recertification requirements of subrule 70.5(6), a course must be at least 16 training hours. To be approved for refresher training of lead-safe renovators, a course must be at least 4 hours. All refresher training courses shall cover at least the following topics:

*a.* A review of the curriculum topics of the initial certification course for the appropriate discipline as listed in subrules 70.4(3) to 70.4(15).

*b.* An overview of current safety practices relating to lead-based paint activities in general, as well as specific information pertaining to the appropriate discipline.

*c.* Current laws and regulations relating to lead-based paint activities in general, as well as specific information pertaining to the appropriate discipline.

*d.* Current technologies relating to lead-based paint activities in general, as well as specific information pertaining to the appropriate discipline.

*e.* The course shall conclude with a course test and, if applicable, a hands-on skills assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skills assessment to successfully complete the course. The student may take the course test no more than three times within six months of completing the course. If an individual does not pass the course test within six months of completing the course, the individual must retake the appropriate approved course.

*f.* All of the course materials including instructions, applications, and forms must be provided on paper unless an individual student requests that the materials be provided electronically.

**70.4(17)** Approvals of training courses shall expire three years after the date of issuance. The training manager shall submit the following at least 90 days prior to the expiration date for a course to be reapproved:

*a.* Sponsoring organization name, contact person, address, and telephone number.

- b.* A list of the courses for which reapproval is sought.
- c.* A description of any changes to the training staff, facility, equipment, or course materials since the approval of the training program.
- d.* A statement signed by the training manager stating that the training program complies at all times with 641—70.4(135).
- e.* A nonrefundable fee of \$200.

**70.4(18)** The department shall consider a request for approval of a training course that has been approved by a state or tribe authorized by the U.S. Environmental Protection Agency.

- a.* The course shall be approved if it meets the requirements of 641—70.4(135).
- b.* If the course does not meet all of the requirements of 641—70.4(135), the department shall inform the training provider of additional topics and training hours that are needed to meet the requirements of 641—70.4(135).

[ARC 8502B, IAB 2/10/10, effective 1/13/10]