

LEAD ABATEMENT PROJECT DESIGNER

Certifying Authority Bruce Hokel
Lead Poisoning Prevention Program
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Legal Authority Code of Iowa, Chapter 135.105A

Job Description Persons employed in this profession prepare abatement project designs, occupant protection plans and abatement reports. (see also Lead Abatement Contractor)

Education & Experience Required Applicants need a bachelor's degree in engineering, architecture or a related field -or- have four years of experience in building construction and design or a related field.

Specific Required Training Program:

Applicants must complete an Iowa Department of Public Health (IDPH)-approved training program. To be approved for the training of project designers, a course must be at least 48 instructional 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 (*) 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.
- 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-based paint abatement.
- 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 and abatement report.
- h. Respiratory protection and protective clothing.*
- i. Employee information and training.
- j. Approved methods for conducting lead-based paint abatement and interim controls.*
- k. Prohibited methods for conducting lead-based paint abatement and interim

controls.

- l. Interior dust abatement and cleanup.*
- m. Soil and exterior dust abatement and cleanup.*
- n. Clearance standards and testing, including random sampling.
- o. Cleanup standards and testing, including random sampling.
- p. Record keeping.
- q. Role and responsibilities of a project designer.
- r. Development and implementation of an occupant protection plan for large-scale abatement projects.
- s. Lead-based paint abatement and lead-based hazard reduction methods, including restricted practices for large-scale abatement projects.
- t. Interior dust abatement/cleanup or lead hazard control and reduction methods for large-scale abatement projects.
- u. Clearance standards and testing for large-scale abatement projects.
- v. Integration of lead-based paint abatement methods with modernization and rehabilitation projects for large-scale abatement projects.
- w. The course shall conclude with a course test and, if applicable, a hands-on skill assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skill assessment to successfully complete the course.

Continuing Education For certification renewal, applicants must complete an IDPH-approved 8-hour refresher course every three years. The refresher course shall cover at least the following subjects:

- 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(8).
- 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 skill assessment. The student must achieve a score of at least 80 percent on the examination and successfully complete the hands-on skill assessment to successfully complete the course.

Examination After completing an approved course, the applicant must take and pass the state certification exam, given at selected community colleges in Iowa. The course provider supplies test site and contact information to applicants.

Fees Application:\$50
Duration: One year
Renewal: \$50
Exam: None

SOC Code, 17-2111 – Health and Safety Engineers, Except Mining Safety Engineers and

Title, & Avg.	Inspectors (\$22.43)
Hourly Wage	11-9021 – Construction Managers (\$26.88)
Number of Licenses Issued	Total number of licenses active as of December 31, 2002 - 1999: 0