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# Hazardous Materials

There are a number of hazardous materials that require specialized training to clean up or manage. The most common are Asbestos, Lead, and Radon. There are other, more infrequent, cleanup tasks that get licensed, as well. Although these activities are separate, specific licenses, they may not be required for all workers at a firm or all workers within an occupation.

## Common Qualifications

Most states require a specific training program or nationally recognized certification (or both) as part of their licensure requirements.

## Examples of License Titles

These are commonly licensed occupations. In the national occupational license database, there are 192 licenses that contain one of the terms radon, asbestos, abatement, lead, or remediation in the license title (with some exclusions for leadership roles). Despite the large number, these licenses represent 27 states and territories. Most have multiple licenses, with an average of 7.1 distinct licenses per state. By type, asbestos is the most common, with 104 licenses in 26 states, followed by lead with 67 licenses in 17 states, then radon with 15 licenses in 6 states and there are 6 other licenses in 4 states.

### Most common license titles:

Asbestos Removal Worker  
Asbestos Abatement Air Monitor  
Asbestos Inspector  
Asbestos Management Planner  
Asbestos Project Designer  
Asbestos Training Provider  
Asbestos Abatement Worker  
Asbestos Abatement Contractor or  
Abatement Consultant

LEAD (Pb) SAMPLING TECHNICIAN  
LEAD (Pb) PRINCIPAL INSTRUCTOR  
LEAD-SAFE WORKER  
LEAD (Pb) RISK ASSESSOR  
LEAD (Pb) INSPECTOR

RADON MEASUREMENT TECHNICIAN  
RADON MITIGATION PROFESSIONAL

### Outlier license title examples:

Certified Clandestine Laboratory Remediation Contractor  
Soil Remediation/Petroleum Products  
Tax Certification Of Air Pollution Abatement Equip.  
Groundwater Remediation System  
MOLD ASSESSMENT TECHNICIAN / CONSULTANT / REMEDIATION  
CONTRACTOR  
Pollution Abatement Facility Operator

## Examples of License Boards

Specific types of remediation tend to have their own boards, offices, or sections. They may be in with Departments of Health, Environment, or Labor.

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### Most common board titles:

Office of Air Quality-Asbestos  
Section  
Office of Radon Professionals  
Asbestos Office  
Public Safety Branch Lead Program  
Board for Asbestos and Lead

### Outlier board title examples:

Division of Food, Water & Environment  
Air Quality  
Environmental Epidemiology  
Department of Agriculture & Natural Resources

## ONET codes

Because licenses cover a wide array of activities and may include both managers or project designers and every participating worker, there are many ONET codes that get assigned to these types of occupations. Most licenses get multiple associated ONET codes to cover the several potential work settings where they'd be required. All should be coded to 47-4041.00 Hazardous Materials Removal Workers in addition to any others that may be used.

11-9021.00	Construction Managers
11-9199.11	Brownfield Redevelopment Specialists and Site Managers
13-1041.00	Compliance Officers
13-1041.01	Environmental Compliance Inspectors
13-1041.04	Government Property Inspectors and Investigators
17-2081.00	Environmental Engineers
17-3025.00	Environmental Engineering Technologists and Technicians
19-1013.00	Soil and Plant Scientists
19-1042.00	Medical Scientists, Except Epidemiologists
19-4042.00	Environmental Science and Protection Technicians, Including Health
19-5011.00	Occupational Health and Safety Specialists
25-1194.00	Career/Technical Education Teachers, Postsecondary
47-1011.00	First-Line Supervisors of Construction Trades and Extraction Workers
47-2061.00	Construction Laborers
47-2131.00	Insulation Workers, Floor, Ceiling, and Wall
47-2132.00	Insulation Workers, Mechanical
47-2141.00	Painters, Construction and Maintenance
47-3019.00	Helpers, Construction Trades, All Other
47-4011.00	Construction and Building Inspectors
47-4041.00	Hazardous Materials Removal Workers
51-8031.00	Water and Wastewater Treatment Plant and System Operators

## Related Occupations

Depending on the setting, there may be related support occupations.

Many of these occupations can be licensed without the hazardous materials part and multiple licenses per worker may be required. In the case of removal workers, though, often it is the Construction

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Manager or Specialty Trades contractors who require licenses to supervise projects whereas many workers on site do not require their own licenses. In the case of abatement workers, a broader array of occupations in the trades require credentialing.

## Associated Certifications

### **Certified Dangerous Goods Professional**

<https://ihmm.org/cdgp/>

### **Certified Dangerous Goods Trainer**

<https://ihmm.org/cdgt/>

### **Certified Hazard Control Manager**

<https://ibfscm.com/certified-hazard-control-manager/>

### **Certified Hazardous Materials Manager**

<https://ihmm.org/chmm/>

### **Certified Hazardous Materials Practitioner**

<https://ihmm.org/chmp/>

### **Certified Mold Professional**

<https://www.restorationindustry.org/certified-mold-professional>

### **Certified Restorer**

<https://www.restorationindustry.org/restoration-certified-restorer>

### **Combination of Tank Vehicle and Hazardous Materials**

<https://www.fmcsa.dot.gov/registration/commercial-drivers-license/drivers>

### **Hazardous Material Endorsement (H)**

<https://www.fmcsa.dot.gov/registration/commercial-drivers-license/drivers>

### **Lead Abatement Worker**

<https://www.epa.gov/lead/lead-based-paint-abatement-and-evaluation-program-individual-certification>

### **Radon Measurement Specialist**

<https://www.nrsb.org/for-professionals/types-of-certifications/>

### **Radon Measurement Technician**

<https://www.nrsb.org/for-professionals/types-of-certifications/>

### **Radon Mitigation Specialist**

<https://www.nrsb.org/for-professionals/types-of-certifications/>

### **Student Certified Hazardous Materials Manager**

<https://ihmm.org/student-chmm/>

### **WSO - Certified Hazardous Materials Supervisor**

<https://worldsafety.org/wso-professional-certifications/>

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**WSO - Certified Hazardous Materials Technician I**

<https://worldsafety.org/wso-professional-certifications/>

**WSO - Certified Hazardous Materials Technician Level II**

<https://worldsafety.org/wso-professional-certifications/>

**WSO - Certified Safety Technician**

<https://worldsafety.org/wso-professional-certifications/>