



## Department-Approved Course Requirements: 1-Hour Asbestos/Lead Awareness

|                                |   |
|--------------------------------|---|
| <b>Course Required for:</b>    | <input checked="" type="checkbox"/> <b>Worker Training</b>  |
| <b>Purpose:</b>                | This course is a specialized elective course that can help fulfill the requirement for an individual applying for a Site Safety Training Card. <b>THIS IS AN AWARENESS LEVEL TRAINING ONLY and does not provide any other qualification or authorization outside of the Site Safety Training Card.</b>  |
| <b>Duration:</b>               | 1 Hour of instructional time, excluding breaks  |
| <b>Class Size:</b>             | <b>1-40 Trainees</b>  |
| <b>NYC Requirement:</b>        | In order to continue to operate in the City of New York, the designated construction worker is required to complete a minimum number of hours of approved site safety training and to carry site safety identification cards as proof of completion of the training (As per New York City Local Law 196 of 2017 also known as 'LL196' or 'Local Law'). This course provides one hour towards the satisfaction of that requirement.  |
| <b>Facility Requirements:</b>  | <p>The Training Facility used by the Course Provider must:</p> <ul style="list-style-type: none"><li>• Have sufficient room to accommodate all expected attendees and the equipment needed to perform hands-on exercises where required as part of the course.</li><li>• Make provisions for the presentation of training material in all media types (computer, projectors, video/DVD players, etc.); and</li><li>• Comply with all applicable laws, rules and regulations relating to occupancy, zoning, egress, fire detection, fire suppression, light, ventilation, cleanliness, sanitary facilities, emergency notification and evacuation procedures.</li></ul> <p>Training may be held at construction sites, provided the above requirements are met.</p>  |
| <b>Instructor Requirement:</b> | <p>To deliver this course the instructor(s) must demonstrate that he or she is credentialed or trained in instructional methods and learning processes. The instructor(s) must also successfully demonstrate his or her ability to solve or resolve problems relating to the subject matter by possession of a recognized degree, certificate, licensure or professional standing, or by extensive knowledge, training, and experience, in the subject matter being taught. To the extent that the course instructor(s) holds, or has held, a trade license issued by the Department, it must be in good standing and not be surrendered to, suspended by or revoked by the Department.</p> <p>The instructor(s) must also be authorized by the Occupational Safety and Health Administration ('OSHA') as a trainer(s) for its Construction and Outreach Program.</p> |
| <b>Curriculum Requirement:</b> | All <b>topics</b> listed under <b>Course Content Outline</b> must be covered using the listed <b>Instructional Delivery Method</b> . The time dedicated to each outline topic should be appropriate for the course content and can vary depending on the trade or job performed by the trainee. The <b>Instructional Delivery Materials</b> used in this course must contain all current applicable NYC Construction Code references, current rules, policies and bulletins.  |

**Course Curriculum  
Proposal Package  
Review:**

A comprehensive review will be performed by the **Department of Buildings** to determine compliance with these Course Curriculum Requirements.

**Instruction Delivery Method**

- Media:** Lecture/Discussion, Slide Presentation
- Handouts:** Slides, references and handbook
- Guided Learning:** Trainees will create a hazardous material checklist

**Course Content Outline**

1. Introduction
  - a. Instructor introduces topic and describes their qualifications and relevant experience for training this module.
  - b. Establish that all trainees can hear and fully understand you i.e. 'raise your hand if you fully understand me' or 'clap your hands if you fully understand me'
  - c. State basic classroom rules, bearings and decorum
    - i. Inform trainees of duration or training and breaks (if any)
    - ii. Remind trainees about limiting distractions (phone use, texting, sidebar conversations)
    - iii. Emergency procedures (location and means of egress, exits or other contingencies)
    - iv. Location of restrooms
  - d. Training Objectives and Expectations:
    - i. Trainees will become generally familiar with the health effects of asbestos and lead in the workplace
    - ii. Trainees will be able to recognize places and locations where asbestos and lead containing materials may be found in the construction industry.
    - iii. Trainees will be able to avoid health hazards associated with asbestos and lead.
    - iv. Trainees should become aware of administrative safety requirements associated with asbestos and lead in the workplace
2. Describe and illustrate examples of where the mineral asbestos and its health effects and present a brief history of its once common use in the construction industry.
  - a. Describe how asbestos damages the Alveoli
  - b. Describe how exposures can occur. Emphasize that asbestos and lead can be inadvertently brought into workers homes if controls are not followed.
  - c. Describe symptoms and progression of:
    - i. Asbestosis
    - ii. Mesothelioma
3. Discuss and explain regulatory requirements for asbestos
  - a. Testing
  - b. Abatement
  - c. Handling
  - d. Required training for workers who will handling and or abatement asbestos
  - e. Describe containment areas
4. Describe and illustrate where lead can be found in the construction industry.

5. Discuss and explain regulatory requirements for lead
  - a. Testing
  - b. Abatement
  - c. Handling
  - d. Training for working with and handling lead
6. Describe the health effects of lead
  - a. Describe how exposures can occur
  - b. Describe means of preventing exposures
7. Resources:
  - a. Applicable OSHA Standard Title 29 CFR 1926.62
  - b. Applicable OSHA Standard Title 29 CFR 1926.1101
  - c. Worker's Rights (See OSHA: <https://www.osha.gov/Publications/OSHA3146.pdf>)
  - d. OSHA Regional Map: <https://www.osha.gov/html/RAmap.html>
8. Debriefing (Informal evaluation)
  - a. Guided by instructor, trainees, in a class discussion talk about the course's content and means of delivery and provide verbal feedback to the instructor.
  - b. Instructor takes notes (either committing them to writing during discussion or ascribing them later into noted-comments).
  - c. Instructor applies lessons learned from debriefing to future trainings.
9. Written (Multiple Choice) Assessment