

Course Syllabus

16 Hour Asbestos Operations and Maintenance Course

29 CFR 1910.1001(j)(7) / 29 CFR 1926.1101(k)(9)(v)

Effective Date

19-Jan-21

Course Code

AOMI

Instructions

- Open and view PDF Presentation in "Required Materials" folder
- Review PDF course work in "Required Materials" folder
- Open hyperlink to applicable regulation and review content headings
- Review available resources in "Supplemental Materials" folder
- **Complete** ExperiDoc Performance Evaluation
- Complete course objective summative examinations
- Complete Training Experience Documenter, if applicable, to meet time requirements

Learning Objectives

- Understand the scope of the the Asbestos standard
- Identify personnel and alternates responsible for asbestos program
- Discuss training associated with different classes of asbestos work
- Understand limitations and uses of personal protective equipment
- Understand employer responsibilities for asbestos control
- Describe medical surveillance requirements
- Identify key componenets of an Asbestos Operations & Maintenance Program
- Understand key steps in setting up a work area for asbestos operations
- Perform small scale short duration activities in support of asbestos program
- Meet regulatory training requirements
- Demonstrate ability to access and refer to applicable asbestos regulations.

Instructional Strategies

Time

- | | |
|--|-------------|
| • Viewing of PDF Presentation(s) | • 5.0 Hours |
| • Viewing of PDF Resources | • 2.0 Hours |
| • Review of Applicable Regulations | • 1.5 Hours |
| • Complete ExperiDoc Performance Evaluation | • 5.0 Hours |
| • ExperiDoc Examination Delivery | • 2.5 Hours |

Course Topics

- | | | | |
|-----------------------|-------------------------------|------------------------------|-------------------------------|
| •Asbestos O&M Intro | •Respiratory Protection & PPE | •O&M Work Practices | •Other Safety & Health Issues |
| •Identifying Asbestos | •Recognizing ACBM Condition | •Maintenance Related Removal | •Glossary of Terms |
| •Asbestos Diseases | •ACBM Control Methods | •Regulations | |

Evaluation Methods

- 10 Course topics to include pdf presentations, resources, and regulations
- 15 Question objective summative multiple choice examination per course topic
- Performance, demonstration, simulation, explanation, or observation of key skills.

Total Time

16.0 Hours

Performance Evaluation Form

16 Hour Asbestos Operations and Maintenance Course

29 CFR 1910.1001(j)(7) / 29 CFR 1926.1101(k)(9)(v)

Effective Date 19-Jan-21

Course Code AOMI

Perform, Explain, Simulate, Demonstrate, or Observe the following:

Overview:

The Performance Evaluation is designed as one method to evaluate job skills and safe work habits of the course participant. This helps foster the participants psychomotor skills, as well as their cognitive knowledge levels, thus providing for a more thorough learning experience. The **Evaluator** must meet certain qualifications such as possessing technical knowledge/skills related to evaluation, have equivalent certifications, related experiences, performed self study, or have applicable academic credentials. The evaluation CAN BE self certified if student possesses any of the evaluator qualifications for the topic matter. If the course or exam is proctored or supervised, please sign as a course **Moderator**.

Instructions:

1. Student should complete name and Student ID # identifying him or herself on the Performance Evaluation.
2. Student shall perform, explain, simulate, demonstrate, or observe the following presented skills.
3. Evaluator should observe/evaluate completion of skills as part of an assessment. (see evaluator credentials)
4. Evaluator should possess technical knowledge/skills related to evaluation, have equivalent certifications/experiences, completed self study, or have applicable academic credentials.
5. Upon completion of each activity the evaluator should sign and date in the box next to the skill assessed.
6. Student should maintain the ExperiDoc Performance Evaluation with their certification.
7. Completion of the ExperiDoc Performance Evaluation should be done prior to taking the ExperiDoc objective summative examination in the Certification Portal.

Experidoc Performance Evaluation

Perform, Explain, Simulate, Demonstrate, or Observe the following:

Student Name (Print)	Student ID # (DL# or last 4 of SSN)
ASBESTOS INTRODUCTION	Evaluator Signature/Date
Explain the two main purposes of an Asbestos O&M Program	
Discuss the three categories of ACM	
Review the seven elements of an Asbestos O&M Program	
Explain the uses, types, and characteristics of asbestos	
Locate the Asbestos Standard in the OSHA Regulations	
Locate areas having ACM or PACM in your facility	
EMERGENCY PLANNING & FIRE SAFETY	Evaluator Signature/Date
Review Emergency Response Plan, escape routes, and assembly points	
Locate Fire extinguishers, identify type, and check inspection date	
Demonstrate knowledge of "PASS" technique for extinguishing fires	
CHEMICAL SAFETY	Evaluator Signature/Date
Locate the SDS's, "Safety Data Sheets" for facility chemicals	
Identify locations of eyewash stations and/or emergency showers	
Demonstrate ability to locate "Safety Data Sheet" for a chemical on hand	

Review site hydrological features such as streams, sinkholes, and drainage	
Identify other potential worksite hazards (physical, chemical, or biological)	
PERSONAL PROTECTIVE EQUIPMENT	Evaluator Signature/Date
Discuss why PPE is one of the last resorts for hazard control	
Explain uses and limitations of PPE for body, head, eye, hand, and foot protection	
Demonstrate the proper donning & doffing of body, head, eye, hand, and foot PPE	
Properly inspect, clean, and disinfect PPE per manufacturer guidelines	
USE OF RESPIRATORY PROTECTION	Evaluator Signature/Date
Inspect a supplied air or an air purifying respirator for missing parts/defects	
Explain the uses and limitations of respirators as PPE	
Properly don and doff a half mask and full face air purifying respirator	
Simulate donning and doffing a supplied air respirator SCBA or Type "C" system	
Discuss cleaning and disinfection procedures for respiratory protection	
Describe the difference between quantitative and qualitative fit testing	
Discuss elements of a respirator training program and frequency of training	
PERIODIC SURVEILLANCE	Evaluator Signature/Date
Describe difference between periodic surveillance and inspections	
Survey ACM/PACM for damage, deterioration, and delamination	
Discuss the four AHERA control options for asbestos	
ASBESTOS O & M WORK PRACTICES	Evaluator Signature/Date
Explain why normal cleaning methods can not be used for ACBM	
Discuss why dry sweeping and use of regular vacuums are prohibited	

Describe special cleaning procedures when asbestos debris is found	
Identify special tools needed for asbestos cleanup	
Explain key steps to prepare the work area for asbestos control measures	
Describe asbestos waste disposal procedures	
Identify key steps for sealing & refinishing ACM Floors	
Describe how to clean and decontaminate a HEPA vacuum	
SETTING UP AN ASBESTOS WORK AREA	Evaluator Signature/Date
Obtain permission by utilizing the Work Permit System	
Remove all unnecessary personnel from the work area	
Post Warning Signs and Lock out/Tag out HVAC and electrical systems	
Inspected and donned PPE and air purifying respirator	
Seal off vents to prevent fibers from migrating through building	
Bring in tools and equipment and simulate/discuss specialized cleaning	
Perform decontamination of equipment and personnel	
Dispose of asbestos waste in properly labeled 6 mil plastic bags	
Maintenance Related Removal	Evaluator Signature/Date
Discuss basic steps for setting up work area and obtaining permission	
Describe basic procedures for set-up, removal, and cleanup for mini-enclosures	
Describe basic procedures for set-up, removal, and cleanup for glovebags	
Define small scale short duration activities and quantity limitations	
Explain decontamination procedures for the O&M Worker	
Simulate response to a small scale fiber release episode and discuss steps taken	

Evaluator Credentials for Performance Evaluation

Instructions: The Performance Evaluator should possess related academic credentials, specific technical knowledge, hold equivalent certification, or have related course experiences. The Performance Evaluator is allowed to be course participant and self certify as long as one additional qualification is met.

Evaluator #1 Name (print)	Evaluator #1 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Evaluator #2 Name (print)	Evaluator #2 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Evaluator #3 Name (print)	Evaluator #3 Signature

Check all that apply:

<input type="checkbox"/> Self Certification (Must meet additional qualification)	<input type="checkbox"/> Self Study or Academic Credentials
<input type="checkbox"/> Related Technical Knowledge or Skills	<input type="checkbox"/> Equivalent Certification/Experiences

Course Moderator/ Examination Proctor (If applicable)

Instructions: The Course Moderator/Examination Proctor will moderate the delivery of course, assist in navigating the course work, will discuss and relate course objectives to the work environment, and supervise and guide the participants' examination process. It is recommended that the Moderator/Proctor be a Supervisor or Manager of the course participant.

Moderator/Proctor - Name (print)	Moderator/Proctor Signature
Moderator/Proctor Company & Title	Moderator/Proctor Contact Info (phone# and e-mail)