NYSDOH/USEPA
Asbestos Operations & Maintenance Certification
Training Course Schedule

Presented By:
Environmental Education Associates, Inc.
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DAY 1 **Date:**

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
15 Minutes	**Registration/Introduction**		
25 Minutes	**History of Use: (Lecture)**	Manual Section 1, Video: *Asbestos: A Matter of Time* (U.S. Bureau of Mines, 1959)	
20 Minutes	**Identification of Asbestos: (Lecture)** • Types and physical characteristics of asbestos including fiber size, aerodynamic characteristics and appearance; • Common uses and applications for asbestos containing products	Manual Section 2, PowerPoint Presentation	
55 Minutes	**Health Effects of Asbestos Exposure: (Lecture)** • Factors affecting disease development including: properties of asbestos; exposure pathways; concentration and duration of exposure and natural defenses; • Clinical signs of exposure based on visible changes in x-rays e.g.: pleural plaques and fibrosis; • Asbestos-related diseases including definitions and concepts of risk, latency, symptoms, diagnosis and treatment; • Health risks to family members of asbestos workers; • Synergism between smoking and asbestos exposure and lack of safe exposure level	Manual Section 3, PowerPoint Presentation	
15 Minutes	**Break**		
20 Minutes	**Medical Monitoring:(Lecture)** • Requirements for physicals including medical history, pulmonary function test and chest x-ray; • Frequency of exams/medical surveillance; • Employee access to records	Manual Section 3, PowerPoint Presentation	
60 Minutes	**Current Federal, State and Local Regulations: (Lecture)** • OSHA (29 CFR 1926.1101, 29 CFR 1910.134, 29 CFR 1910.1001) • EPA (AHERA, NESHAP) • New York State (12 NYCRR Part 56)	Manual Section 4, Handouts: Referenced Regulations, PowerPoint Presentation	
60 Minutes	**Lunch**		

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DAY 1 (Cont.) **Date:**

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
60 Minutes	**Respiratory Protection: (Lecture)** • Use of respirators; • Other protective measures; • Good work practices	Manual Section 5, PowerPoint Presentation	
30 Minutes	**Protective Clothing: (Lecture)** • Selection, use and handling of personal protective clothing: including disposable and non-disposable clothing, purpose, donning, removal, storage, handling and disposal; • Uses and limitations of PPE e.g.: eye protection, hard hats, hoods, gloves, boots and booties	Manual Section 5, PowerPoint Presentation	
15 Minutes	**Break**		
60 Minutes	**Summary of Abatement Control Options: (Lecture)** Removal, encapsulation, enclosure, repair and an operations and maintenance program	PowerPoint Presentation	
45 Minutes	**Recognition of Damage, Deterioration and Delamination of ACM: (Lecture)**	PowerPoint Presentation	

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DAY 2 **Date:**

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
45 Minutes	**Proper Methods of Handling ACM: (Lecture)** • Purpose, construction and maintenance of barriers (including glove bags); • Use of wet methods and surfactants; • Use of HEPA vacuum cleaners; • Use, maintenance and clean-up of tools; • Good housekeeping such as promptly bagging ACM debris and other housekeeping features	Manual Section 9, PowerPoint Presentation	
30 Minutes	**Proper Clean-up and Disposal: (Lecture)** • Clean-up procedures and sequence of activities; • Disposal including bagging, drumming, storage and transport;	Manual Section 10, PowerPoint Presentation	
15 Minutes	**Break**		
45 Minutes	**Employee PPE – Respirators and Protective Clothing: (Hands-on)** • Practice selecting, donning, removing, handling, storing and disposing of protective clothing; • Practice selecting, donning, removing, handling, maintaining and storing respirators; • Perform positive and negative user seal checks	Hands-on	
75 Minutes	**Proper Methods of Handling ACM: (Hands-on)** • Per 12 NYCRR Part 56, students will construct a negative pressure tent enclosure and use glove bags to remove non-asbestos material using wet methods, HEPA vacuums, etc. • Perform proper maintenance and clean-up of tools and equipment; • Perform good housekeeping techniques such as prompt bagging of debris	Hands-on	
60 Minutes	**Lunch**		
45 Minutes	**Proper Methods of Handling ACM: (Hands-on) Cont.**	Hands-on	
75 Minutes	**Proper Clean-up and Disposal: (Hands-on)** • Students will perform clean-up procedures in accordance with 12 NYCRR Part 56 including bagging/drumming, storage and transport	Hands-on	
15 Minutes	**Break**		
30 Minutes	**Course Review**	Handout: Asbestos Review Questions, Students Q&A	
45 Minutes	**Course Exam**		