NYSDOH/USEPA
Asbestos Allied Trades Certification
Training Course Schedule

Presented By:
Environmental Education Associates, Inc.
www.environmentaleducation.com
888 436 8338

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)	
10 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	
25 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	**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	
25 Minutes	**Current Federal, State and Local Regulations: (Lecture)** • OSHA (29 CFR 1926.1101, 29 CFR 1910.134) • New York State (12 NYCRR Part 56)	Manual Section 4, Handouts; Referenced Regulations, PowerPoint Presentation	
15 Minutes	**Break**		

NYSDOH/USEPA
Asbestos Allied Trades Certification
Training Course Schedule (Cont.)

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

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
20 Minutes	**Employee PPE – Respirators: (Lecture)** • Classes and characteristics of respirator types; • Limitations of respirators and their proper selection, inspection, donning, maintenance and storage; • Methods for positive and negative user seal checks; • Qualitative and quantitative fit testing; • Variability between field and laboratory protection factors that alter respirator fit e.g.: facial hair • Components of a proper respiratory protection program; • Requirements regarding personal protective equipment	Manual Section 5, PowerPoint Presentation	
15 Minutes	**Employee PPE - 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	**Personal Hygiene: (Lecture)** • Work area entry and exit procedures; • Use of showers; • Sanitation	Manual Section 7, PowerPoint Presentation	
45 Minutes	**Work Area Preparation: (Lecture)** • Vacate occupants; • Posting of signs; • Pre-cleaning and installing critical and isolation barriers; • Electrical and ventilation systems lock-out; • Pre-cleaning and removal of furniture and equipment; • Pre-cleaning and covering of stationary equipment such as ductwork • Flooring	Manual Section 8, PowerPoint Presentation	
15 Minutes	**Decontamination Systems: (Lecture)** • Sequential steps for worker use of clean room, shower room and equipment room; • Direction of air flow through rooms; • Security of the work area and enclosures; • Purpose and use of entry/exit log	Manual Section 6, PowerPoint Presentation	
60 Minutes	**Lunch**		
45 Minutes	**Engineering Controls: (Lecture)** • Discussion of how each applies to the specialized occupations working in proximity to the asbestos abatement project: • Purpose, construction and maintenance of barriers and decontamination enclosures	Manual Section 9, PowerPoint Presentation	

NYSDOH/USEPA
Asbestos Allied Trades Certification
Training Course Schedule (Cont.)

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

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
	(including glove bags); • Proper work techniques for minimizing fiber release; • Use of wet methods and surfactants; • Use of negative air pressure ventilation; • Use of HEPA Vacuum cleaners; • Use, maintenance and clean-up of tools; • Good housekeeping such as promptly bagging asbestos debris and other housekeeping		
15 Minutes	**Break**		
120 Minutes	**Protective Clothing/Decontamination System/Engineering Controls: (Hands-on)** • Practice selecting, donning, removing, handling, storing and disposing of protective clothing; • Build a large project sized decon contiguous to the work area per current 12 NYCRR Part 56 specifications; • Practice correct procedures for work area entry and exit	Hands-on	

NYSDOH/USEPA
Asbestos Allied Trades Certification
Training Course Schedule (Cont.)

DAY 2 **Date:**

Time Allotment	Topic	Method(s) of Instruction	Instructor(s)
120 Minutes	**Protective Clothing/Decontamination System/Engineering Controls: (Hands-on) Cont.**	Hands-on	
30 Minutes	**Other Safety Hazards: (Lecture)** • Electrical Hazards including placement of cords to reduce tripping hazards; • Heat related conditions; • Other air contaminants; • Fire and explosion hazards; • Gasoline engines; • Scaffold and ladder hazards and proper use; • Slips, trips and falls; • Confined spaces and entry/exit procedures; • Noise hazards; • Emergency procedures in the event of fire/medical emergencies and failure of containment barriers	Manual Section 11, PowerPoint Presentation	
15 Minutes	**Summary of Abatement Control Options: (Lecture)** • Discussion of removal, encapsulation, enclosure, repair and an operations & maintenance program	PowerPoint Presentation	
15 Minutes	**Case Studies: (Lecture)** • Typical problems and corrective measures	Handout: Allied Trades Case Study, Discussion	
15 Minutes	**Break**		
60 Minutes	**Course Exam**		