



# Aerosol Monitoring & Analysis, Inc.

*Environmental, Health and Safety*



## GSA Schedule Professional Services Federal Supply Group: 00CORP SINS: 899-1, 899-3, 899-8

Contract Number

47QRAA19D0063

Base Period

March 18, 2019 through  
March 17, 2024

## COMPANY INFORMATION

**Aerosol Monitoring & Analysis, Inc. (AMA)** was founded in 1981 in response to a growing need and market demand for high quality environmental, health and safety services. AMA is a consultant in the practice of industrial hygiene, health, safety and other environmental compliance issues. We specialize in providing asbestos inspections, asbestos management plans, abatement design, air monitoring, lead inspections, lead risk assessments, mold investigations, indoor air quality studies and other environmental, health & safety compliance requirements. We also provide training services in the areas of safety, hazardous materials, asbestos, lead, and mold.

Our professional staff consists of Certified Industrial Hygienists, Certified Safety Professionals, Certified Hazardous Materials Managers and accredited asbestos and lead professionals.

AMA is dedicated to providing the highest quality professional services in our field of expertise. With the utmost regard for customer satisfaction, we strive to be the best choice to manage client risks before, during and after a project.

### **For More Information, Contact:**

Charles Ryan  
410-684-3327  
410-684-3384 (fax)  
cryan@amaconsulting.com  
www.amaconsulting.com

## COMPANY INFORMATION

**Schedule Title:** Professional Services

**Industrial Class:** 00CORP

**Contract Number:** 47QRAA19D0063

**Contract Period:** March 18, 2019 through March 17, 2024.

**Contractor:** Aerosol Monitoring & Analysis, Inc.  
1331 Ashton Road, Box 646  
Hanover, MD 21076  
410-684-3327, 410-684-3384 (fax)  
Web Site: [www.amaconsulting.com](http://www.amaconsulting.com)

**Contract Administrator:** Charles F. Ryan, III, Vice President, Finance

**Business Size:** Small Business

**DUNS Number:** 109016279

**Central Contractor:** Registered in System for Award Management

**Registration Database:** Cage Code: 0MJS0

<b>1a.</b>	Special Item Number (SIN) 00CORP-500, 00CORP-0500RC 899 1/1RC Environmental Consulting Services 899 3/3RC Environmental Training Services 899-8/8RC Remediation and Reclamation Services
<b>1b.</b>	Identification of the lowest priced model number and lowest unit price for that model for each special item number (SIN) awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price. Those contracts that have unit prices based on the geographic location of the customer should show the range of the lowest price and cite the areas to which the prices apply.
<b>1c.</b>	If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.
<b>2.</b>	Maximum Order: \$1,000,000
<b>3.</b>	Minimum Order: \$100
<b>4.</b>	Geographic Coverage: Domestic and Overseas
<b>5.</b>	Points of Production: Same as contractor's address
<b>6.</b>	Discount from list prices or statement of net price: Prices shown are net

<b>7.</b>	Quantity Discounts: N/A	
<b>8.</b>	Prompt Payment Terms: Net 30 Days	
<b>9a.</b>	Notification that Government purchase cards are accepted at or below the micro-purchase threshold: Yes	
<b>9b.</b>	Notification that Government purchase cards are accepted or not accepted above the micro-purchase threshold: Will Accept	
<b>10.</b>	Foreign Items: N/A	
<b>11a.</b>	Time of Delivery. To be negotiated with ordering agency on each task order	
<b>11b.</b>	Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list" under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: Contact Contractor	
<b>11c.</b>	Overnight and 2-Day Delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: Contact Contractor	
<b>11.d</b>	Urgent Requirements. The Contractor will not in its price list that "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery: Contact Contractor	
<b>12.</b>	F.O.B. Point(s): Destination	
<b>13a.</b>	Ordering Address: Charles F. Ryan 1331-A Ashton Road Hanover, MD 21076 410-684-3327 <a href="mailto:cryan@amaconsulting.com">cryan@amaconsulting.com</a>	Alternate Contact: Todd Woerner 1331-A Ashton Road Hanover, MD 21076 410-684-3327 <a href="mailto:twoerner@amaconsulting.com">twoerner@amaconsulting.com</a>
<b>13b.</b>	Ordering Procedures: For suppliers and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage ( <a href="http://fss.gsa.gov/schedules">fss.gsa.gov/schedules</a> ).	
<b>14.</b>	Payment Address Accounts Payable Aerosol Monitoring & Analysis, Inc. 1331-A Ashton Road Hanover, MD 21076	
<b>15.</b>	Warranty Provision: Contractor's standard commercial warranty	
<b>16.</b>	Export Packaging Charges: N/A	
<b>17.</b>	Terms and Conditions of Government Purchase Card Acceptance (any thresholds above the micropurchase level): Contact Contractor	
<b>18.</b>	Terms and Conditions of Rental, Maintenance, and Repair: N/A	
<b>19.</b>	Terms and Conditions of Installation: N/A	
<b>20a.</b>	Terms and Conditions of Repair Parts Indicating Date of Parts Price List and any Discounts from Price List: N/A	
<b>20b.</b>	Terms and Conditions for Any Other Services (if applicable): N/A	
<b>21.</b>	List of Services and Distribution Points (if applicable): N/A	
<b>22.</b>	List of Participating Dealers: N/A	
<b>23.</b>	Preventive Maintenance: N/A	
<b>24a.</b>	Environmental Attributes, e.g., Recycled Content, Energy Efficient, and/or Reduced Pollutants: N/A	
<b>24b.</b>	Special Attributes such as Environmental Attributes, (e.g. Recycled Content, Energy Efficient, and/or Such Pollutants): N/A	

<b>24c.</b>	If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location): The EIT standards can be found at <a href="http://www.Section508.gov/">www.Section508.gov/</a> .
<b>25.</b>	Data Universal Number System (DUNS) Number: 10-9016279
<b>26.</b>	Contractor Registered in the System for Award Management (SAM): Yes

**Service Contract Act:**

<b>Labor Category</b>	<b>SCA Equivalent Code and Title</b>	<b>WD Number</b>
Program Control Specialist	01111-General Clerk I	2015-4265

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor WD Number(s) identified in the SCA matrix. The prices offered are based on the preponderance of where work is performed and should the Contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

## PRICING INFORMATION

Labor Category Prices SINs 899-1, 899-3, 899-8	03/18/19 to 03/17/20	03/18/20 to 03/17/21	03/18/21 to 03/17/22	03/18/22 to 03/17/23	03/18/23 to 03/17/24
<b>Labor Category</b>	<b>Yr 1</b>	<b>Yr 2</b>	<b>Yr 3</b>	<b>Yr 4</b>	<b>Yr 5</b>
Certified Industrial Hygienist II	\$225.00	\$230.18	\$235.47	\$240.88	\$246.43
Certified Industrial Hygienist	\$152.00	\$155.50	\$159.09	\$162.73	\$166.47
Certified Hazardous Materials Manager	\$130.00	\$132.99	\$136.05	\$139.18	\$142.38
Certified Safety Professional	\$130.00	\$132.99	\$136.05	\$139.18	\$142.38
Senior Industrial Hygienist	\$103.00	\$105.37	\$107.79	\$110.27	\$112.81
Environmental Professional	\$88.00	\$90.02	\$92.09	\$94.21	\$96.38
Project Manager	\$83.00	\$84.91	\$86.86	\$88.86	\$90.90
Industrial Hygienist	\$64.50	\$65.98	\$67.50	\$69.05	\$70.64
Specification Writer/Project Designer	\$80.00	\$81.84	\$83.72	\$85.65	\$87.62
Cost Estimator	\$80.00	\$81.84	\$83.72	\$85.65	\$87.62
CADD Operator	\$64.50	\$65.98	\$67.50	\$69.05	\$70.64
Program Control Specialist	\$41.00	\$41.94	\$42.91	\$43.89	\$44.90

Equipment Prices SINs 899-1, 3, & 8	
<b>Equipment Category</b>	<b>Daily Rate</b>
Moisture Meter	\$25.00
Hygrometer	\$25.00
Moisture Meter / Hygrometer Combo.	\$50.00
Infrared Thermal Imaging Unit	\$275.00
Laser Particle Counter	\$100.00
P-Trak / Ultra-Fine Particle Counter	\$50.00
Spore Trap Sampler	\$50.00
SAS Culture/Viable Microbial Sampler	\$100.00
XRF	\$100.00
Indoor Air Quality Monitor/Meter	\$100.00

## PRICING INFORMATION

(Continued)

Training Courses SINs 899-3				
<u>Course</u>	<u>Rate per Course</u>	<u>Minimum # Participants</u>	<u>Price/Each add'l Participant</u>	<u>Maximum # Participants</u>
2-Hour Courses	\$600.00	10	\$12.00	25
4-Hour Courses	\$1,100.00	10	\$83.00	25
8-Hour Courses	\$1,650.00	10	\$120.00	25
16-Hour Courses	\$3,300.00	10	\$240.00	12
3-Day Courses	\$4,600.00	10	\$360.00	12
4-Day Courses	\$6,100.00	10	\$480.00	12
5-Day Courses	\$7,500.00	10	\$600.00	12

# SERVICES

## **SIN Code 899-1 & 899-1RC Environmental Consulting**

- Phase I & II Environmental Site Assessments
- Air Quality Analysis
- Environmental Sampling
- Plans & Specification Preparation
- Hazardous materials building surveys
- Industrial hygiene surveys
- Indoor Air Quality (IAQ) investigations
- Mold evaluations
- Hazard and/or Non Hazard Exposure Assessments
- RCRA/CERCLA Site Investigations
- UST/AST Assessments & Management
- Radon/PCBs
- OSHA Compliance Assessments
- Material Safety Data Sheet management and review
- Safety Audits & Inspections
- Occupational Health & Safety Programs
- Emergency Response Plans
- Database Development and Management

## **SIN Code 899-3 & 899-3RC Environmental Training Services**

- Asbestos
- Lead
- Mold/Indoor Air Quality
- Hazardous Materials
- OSHA Compliance Courses
- Safety Courses
- EPA/RCRA Compliance Courses
- DOT Compliance Courses

## **SIN Code 899-8 & 899-8RC Remediation Services**

- Site Characterization, Field Investigation
- Asbestos/Lead Abatement Project Design Services
- Asbestos/Lead Abatement Contract Administration
- Asbestos/Lead Abatement Project Management
- Mold Remediation oversight and clearance sampling
- Air Monitoring
- UST/AST Removal Oversight
- Expert Witness (Litigation Support)

# LABOR CATEGORY DESCRIPTIONS

**Position:** **Certified Industrial Hygienist II**  
**Educational Requirement:** Minimum Master's Degree in physical or biological science or engineering and a preferable Master's Degree in science or engineering with concentration in industrial hygiene or safety.  
**Certifications:** Certified by the American Board of Industrial Hygiene (ABIH) as a Certified Industrial Hygienist (CIH).  
**Minimum years of experience:** 18  
**Description of duties and responsibilities:**  
The individual is one of the company's prime contacts with the client and is responsible for oversight and technical performance on the project. The individual will participate in multidisciplinary effort to address occupational health needs as evidenced by experience working as a member of a team. Perform environmental health/industrial hygiene investigations, studies, and evaluations. Perform bio-safety evaluations. Perform quality assurance activities related to environmental health/industrial hygiene investigations, studies, and evaluations. Provide consultation to clients, which may include communicating findings, results, conclusions and recommendations of investigations, studies, and evaluations. Provide training and education to clients in the area of industrial hygiene. Provide litigation support in areas where individual is a subject matter expert.

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**Position:** **Certified Industrial Hygienist**  
**Educational Requirement:** Minimum Bachelor's Degree in physical or biological science or engineering and a preferable Master's Degree in science or engineering with concentration in industrial hygiene or safety.  
**Certifications:** Certified by the American Board of Industrial Hygiene (ABIH) as a Certified Industrial Hygienist (CIH).  
**Minimum years of experience:** 15  
**Description of duties and responsibilities:**  
The individual will participate in multidisciplinary effort to address occupational health needs as evidenced by experience working as a member of a team. Perform environmental health/industrial hygiene investigations, studies, and evaluations. Perform quality assurance activities related to environmental health/industrial hygiene investigations, studies, and evaluations. Provide consultation to clients, which may include communicating findings, results, conclusions and recommendations of investigations, studies, and evaluations. Provide training and education to clients in the area of industrial hygiene. Provide litigation support in areas where individual is a subject matter expert.



## LABOR CATEGORY DESCRIPTIONS (Continued)

**Position:** **Certified Hazardous Materials Manager**  
**Educational Requirement:** Minimum Bachelor's Degree in physical or biological science or engineering and a preferable Master's Degree in science or engineering with concentration in chemistry or environmental matters.  
**Certifications:** Certified by the Academy of Certified Hazardous Materials Managers as a Certified Hazardous Materials Manager (CHMM).  
**Minimum years of experience:** 7  
**Description of duties and responsibilities:**  
The individual is one of the company's prime contacts with the client and is responsible for oversight and technical performance on the project. The individual will conduct fieldwork for environmental management projects including environmental sampling, monitoring and hazardous materials investigations. Individual will have environmental field and technical experience, specifically with remedial field investigations and assessments. Experience in risk assessment, corrective measures studies relevant to RCRA compliance and/or Superfund. Good working knowledge of data base management, good written and oral communications skills and good technical writing skills are required. Additional experience in asbestos, lead paint, groundwater sampling and modeling and environmental site assessments are required. Provide consultation to clients, which may include communicating findings, results, conclusions and recommendations of investigations, studies, and evaluations. Provide litigation support in areas where individual is a subject matter expert.

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**Position:** **Certified Safety Professional**  
**Educational Requirement:** Minimum Bachelor's Degree in science or engineering and a preferable Master's Degree in science or engineering with concentration in industrial hygiene or safety.  
**Certifications:** Certified by the American Society of Safety Engineers (ASSE) as a Certified Safety Professional (CSP)  
**Minimum years of experience:** 10  
**Description of duties and responsibilities:**  
The individual will consult, plan, implement, evaluate and certify environmental health/safety management services to clients. Perform safety and environmental health investigations, studies, and evaluations, which may include: developing survey protocol outlines and cost projection estimates; reviewing and evaluating accident and injury statistics, identifying potential workplace safety and health hazards, and developing safety plans; conducting employee interviews, developing and administering questionnaires, analyzing and interpreting results. Perform quality assurance activities related to safety management and environmental health investigations, studies, and evaluations. Provide consultation to clients that may include communicating findings, results, conclusions and recommendations of investigations, studies, and evaluations. Provide training and education to clients including the preparation of training manuals and other training materials. Participate as a member of a multidisciplinary occupational health team in environmental health/safety management investigations studies, and evaluations. Provide litigation support in areas where individual is a subject matter expert.

## LABOR CATEGORY DESCRIPTIONS (Continued)

**Position:** **Senior Industrial Hygienist**

**Educational Requirements:** Minimum Bachelor's Degree in physical or biological science or engineering and a preferable Master's Degree in science or engineering with concentration in environmental matters or safety.

**Certifications:** Asbestos Inspector, Asbestos Supervisor, Lead Paint Inspector.

**Minimum years of experience:** 10

**Description of duties and responsibilities:**  
The individual has the experience to participate in multidisciplinary effort to address occupational health needs as evidenced by experience working as a member of a team. The individual will also be capable of working independently in performing environmental health/industrial hygiene investigations, studies, and evaluations. Provide consultation to clients, which may include communicating findings, results, conclusions and recommendations of investigations, studies, and evaluations. The individual has experience in the areas of asbestos, lead surveys, indoor air quality, microbial investigations and other industrial hygiene and health and safety matters.

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**Position:** **Environmental Professional**

**Educational Requirement:** Minimum Bachelor's Degree in physical or biological science or engineering and a preferable Master's Degree in science or engineering with concentration in chemistry or environmental matters.

**Certifications:** Certified by the Academy of Certified Hazardous Materials Managers as a Certified Hazardous Materials Manager (CHMM).

**Minimum years of experience:** 5

**Description of duties and responsibilities:**  
The individual will conduct fieldwork for environmental management projects including environmental sampling, monitoring and hazardous materials investigations. Individual will have environmental field and technical experience, specifically with remedial field investigations and assessments. Experience in risk assessment, corrective measures studies relevant to RCRA compliance and/or Superfund. Good working knowledge of data base management, good written and oral communications skills and good technical writing skills are required. Additional experience in asbestos, lead paint, groundwater sampling and modeling and environmental site assessments are required.

## LABOR CATEGORY DESCRIPTIONS (Continued)

**Position:** **Project Manager**  
**Educational Requirement:** Minimum Bachelor's Degree in physical or biological science or engineering  
**Certifications:** Asbestos Project Designer, Lead Paint Inspector/Risk Assessor, Asbestos Inspector, Asbestos Supervisor  
**Minimum years of experience:** 5

**Description of duties and responsibilities:**

The individual is one of the company's prime contacts with the client and is responsible for overall work progress and technical performance on the project. Specific responsibilities and accountabilities of this position include planning, staffing, schedule, budget, quality, safety, and coordination of subcontractors and internal support not assigned to the project. The Project Manager is a participant/leader in major technical, cost, scheduling, and performance decisions. Perform industrial hygiene and environmental services. Have experience in the areas of asbestos and lead surveys, abatement management plans, oversight, assessment and exposure monitoring, industrial hygiene and health/safety. Individual will have good technical writing and oral communications skills and must be able to effectively manage multiple tasks on a routine basis.

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**Position:** **Industrial Hygienist**  
**Educational Requirement:** Minimum Bachelor's Degree, preferably in physical or biological science or engineering.  
**Certifications:** Asbestos Inspector, Asbestos Supervisor, Lead Paint Inspector.

**Minimum years of experience:** 2

**Description of duties and responsibilities:**

The individual has experience in the areas of asbestos and lead surveys, abatement management plans, abatement oversight, assessment and exposure monitoring, industrial hygiene and health/safety. They must have ability to communicate effectively with client representative and other technical professionals. Independently perform environmental consulting work at client's site. Use experience to evaluate and solve routine problems and recommend appropriate remedial measures; and accomplish work that requires a basic level of technical and communication skills. Make observations and evaluations, use sampling instruments, maintain accurate and complete records and write professional reports to meet the client's needs.

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**Position:** **Specification Writer/Project Designer**  
**Educational Requirement:** Minimum Bachelor's Degree, preferably in physical or biological science or engineering.  
**Certifications:** Asbestos Inspector, Asbestos Supervisor, Lead Paint Inspector, Asbestos Project Designer, Lead Project Designer.

**Minimum years of experience:** 2

**Description of duties and responsibilities:**

The individual has the same duties and responsibilities as the Industrial Hygienist with the additional experience of designing remediation projects for asbestos and lead. They must have a familiarity with published specification softwares, standards such as NIBS SPECSINTACT and MasterSpec.

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## LABOR CATEGORY DESCRIPTIONS (Continued)

**Position:** **Cost Estimator**  
**Educational Requirement:** Minimum Bachelor's Degree, preferably in physical or biological science or engineering.  
**Certifications:** Asbestos Inspector, Asbestos Supervisor, Lead Paint Inspector, Asbestos Project Designer, Lead Project Designer.

**Minimum years of experience:** 2

**Description of duties and responsibilities:**

The individual has the same duties and responsibilities as the Specification Writer/Project Designer with the additional experience of projecting cost estimates for the removal of hazardous materials. Individual must be able to provide accurate removal estimates based upon industry standards, local market rates and other variables that impact a remediation project.

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**Position:** **CADD Operator**  
**Educational Requirement:** Minimum Bachelor's Degree, preferably in architecture or engineering.  
**Certifications:** Asbestos Inspector, Lead Paint Inspector.

**Minimum years of experience:** 2

**Description of duties and responsibilities:**

The individual will produce construction documents either by manual drafting or by using the CAD (Computer Aided Drafting) system. Coordinate construction documents with Project Manager, outside consultants, contractors, clients and others as directed. Checks plans, specifications, and shop drawings for coordination, accuracy, errors, and omissions. Assist Project Managers in contacting agencies for submittal and planning requirements and obtaining information.

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**Position:** **Program Control Specialist**  
**Educational Requirement:** Associates Degree or 10 years of business experience.  
**Minimum years of experience:** 5

**Description of duties and responsibilities:**

The individual will be responsible for the day-to-day office operations. They must have experience in secretarial duties with firm real world knowledge of PC-based software programs as well as knowledge of technical terminology within the environmental, health and safety arena. Individual must be able to coordinate and prioritize project tasks to ensure all deadlines are met. Individual must be creative and have excellent problem solving skills. Knowledge in MS Word, Excel, PowerPoint is required.

# COURSE DESCRIPTIONS

## 2-Hour Courses

### **Asbestos Awareness**

This course is required for all individuals who work in areas where they may contact asbestos. It is designed to provide the “basics” on asbestos hazards in buildings, and applies to all school maintenance and custodial staff operating under EPA/AHERA and OSHA standards.

### **Respiratory Protection**

This course meets the training requirements of 29 CFR 1910.134 and related OSHA standards. Before employees can wear respiratory protective devices for their job task, they must be fully trained. Personnel are instructed on the various types of respirators, and their advantages and disadvantages. The course also covers the various types of respirators, required fit testing for negative pressure respirators, written respiratory protection programs, medical evaluations, protection factors, proper cleaning, maintenance, inspection, and storage of respirators.

### **Bloodborne Pathogen**

This course meets the training requirements of 29 CFR 1910.1030. It is designed to inform employees about the hazards and controls for dealing with bloodborne pathogens. With effective training and safe work practices employees can be protected from deadly bloodborne pathogens. Training on the bloodborne pathogen program developed for your company may be incorporated in this course.

### **Lockout/Tagout**

This course meets the training requirements of the OSHA Lockout/Tagout Standard (20 CFR 1910.147). This training is designed to prevent needless deaths and serious injuries to service and maintenance workers due to hazardous energy. A lockout/tagout system is intended to keep hazardous energy under control while servicing or maintenance operations are being performed.

### **OSHA Hazard Communication**

This course meets the requirement for 29 CFR 1910.1200 (Hazard Communication) and explains the new format for chemical hazard information on chemical container labels and Safety Data Sheets (SDS) as directed by OSHA in its 2012 changes to the Hazard Communication Standard. Each of the new chemical label's elements is described: pictogram, signal word, hazard statement, and precautionary statement. The information found in each section of the newly formatted Safety Data Sheets is also reviewed. This course meets the training requirements for all employers who have employees who may be exposed to hazardous chemicals. A PowerPoint presentation is utilized as a training aid. Participants receive a course manual and a certificate of completion at the conclusion of the course.

### **Hearing Conservation**

This course meets the training requirements of 29 CFR 1910.95. It is designed to train employees in how noise affects their ability to hear. The course covers hearing protection noise monitoring, audiometric testing, engineering controls, administration controls, and maintenance of hearing protection devices.

# COURSE DESCRIPTIONS (Continued)

## 2-Hour Courses (continued)

### **OSHA First Responder Awareness**

This course is for personnel who are likely to witness, or discover a hazardous substance release and subsequently notify the proper authorities. This course satisfies the training requirements of OSHA 29 CFR 1910.129 (q)(6)(i).

### **Fire Extinguishers**

This course meets the training requirements of 29 CFR 1910.157. It is designed to train employees about the four (4) different types of fire extinguishers, proper use, and FE inspections. The employees are instructed on the labels and markings required on the extinguishers, as well as, how to operate the extinguishers. Hands-on activities in which student actually use ABC extinguishers are employed.

### **PCB Awareness**

The objective of this course is to train workers in the health, safety, and environmental aspects of polychlorinated biphenyl (PCB) remediation. It meets the training requirements of 40 CFR Part 761. PCB's in electrical transformers, electrical capacitors, fluorescent light ballasts, and contaminated sites are covered. The course addresses PCB removal and waste disposal. It provides students with an understanding of the health hazards associated with PCB's and how to protect themselves. The course prepares workers to perform the PCB remediation work in a safe and acceptable manner that conforms to applicable federal and state regulations.

## 4 Hour/½ Day Courses

### **Lead in Construction**

This course covers the OSHA Lead-in-Construction standard (29 CFR 1926.62) with Maryland Amendments. All supervisors and workers performing construction, demolition, renovation and remodeling activities, where lead may be disturbed, are required to take this course.

### **Asbestos Operations & Maintenance Refresher**

This recertification program is for individuals who have completed the initial 16-Hour Operations & Maintenance course. The course will review the information presented in the initial program, such as asbestos ad its uses, health effects, engineering controls, respiratory protection, and work practices. Federal and State regulatory requirements are also reviewed. An AMA certificate and pocket identification card is provided for each student upon successful completion of the course.

### **Asbestos Inspector Refresher**

This annual refresher course is for individuals that have a current EPA AHERA inspector accreditation. This refresher course meets the AHERA, ASHARA and TSCA Title II Accreditation for asbestos inspectors.

### **Asbestos Management Planner Refresher**

This approved curriculum provides the requisite information necessary to create an asbestos management plan and correctly access the hazards of ACM in-place management. Topics presented in the initial course are reviewed.

# COURSE DESCRIPTIONS (Continued)

## 4 Hour/½ Day Courses (continued)

### Fall Protection

This course meets the training requirements of 29 CFR 1926.503. It introduces and discusses the three types of personal fall protection systems. Topics covered include: personal fall arrest positioning devices, personal fall protection systems, inspection & care of equipment, body pelts, body harnesses, ladders and ladder safety devices. Hands-on activities utilizing specific fall arrest equipment, or your company's fall protection program, are included.

### Fork Lift Operator Training

This course meets the training requirements of 29 CFR 1910.178 and is required for anyone who maintains or uses fork trucks, tractors, platform lift trucks, motorized hand trucks, and other specialized industrial trucks powered by electric motors or internal combustion engines. The different designations of industrial trucks, acceptable operating locations, and safe operating procedures are presented.

### OSHA Scaffolds/Fall Protection

This course meets the training requirements of 29 CFR 1926.503. It introduces and discusses the three types of personal fall protection systems as well as the training requirements of 29 CFR 1926.454 as it applies to erecting, inspecting, dismantling, fall protection and engaging in work on a scaffold or aerial lift.

### First Aid

This course provides life-saving skills, practiced during hands-on exercises. Students learn to recognize and safely respond to situations relative to their particular work environment that include scenarios such as, but not limited to, burns, strokes, drug overdose, heat related illnesses, and other sudden illnesses at home or on the job. Students also are taught how to respond to a heart attack.

The First Aid training Certification is valid for 3-years from the course completion date. AMA's First Aid training instructors are certified through the National Safety Council. AMA can also provide First Aid training approved by the American Red Cross.

### CPR/AED

This course provides life-saving skills, practiced during hands-on exercises. Students learn the correct procedures for responding to emergency situations and performing CPR, including chest compressions and rescue breaths. Students also learn to apply and use automated external defibrillators (AED).

Students are provided course manuals, a 'quick reference' guide and an accompanying CD-ROM. AMA's CPR and AED training instructors are certified through The National Safety Council. The National Safety Council CPR and AED training adheres to the standards of the International Liaison Committee on Resuscitation (ILCOR). AMA provides National Safety Council certificates to students after successful completion of the course.

The CPR/AED training Certification is valid for 2-years from the course completion date. AMA also offers American Red Cross approved CPR/AED training upon request.

# **COURSE DESCRIPTIONS (Continued)**

## **8-Hour/1-Day Courses**

### **Lead Risk Assessor Refresher**

This refresher course for individuals currently certified as Lead Risk Assessor is required every 2 years in Maryland and the District of Columbia. It is required every 3 years in other States. AMA provides a certificate and photo ID card for each student upon successful completion of the course.

### **Lead Inspector Refresher**

This refresher course for individuals currently certified as Lead Inspectors is required every 2 years in Maryland and DC. It is required every 3 years in other States.

### **Lead Project Designer Refresher**

This refresher course is required every 3 years by the EPA and Virginia. Maryland and the District of Columbia require all Lead Project designers to take a refresher course every 2 years. An AMA certificate and Maryland photo identification card are provided for each student upon successful completion of the course.

### **Lead Supervisor Refresher**

This refresher course is required every 2 years for DC requirements and Maryland-accredited S2 Supervisors, and every 3 years to meet VA, and/or EPA requirements for Lead Abatement Supervisors.

### **OSHA Lead in Construction**

This course covers the OSHA Lead-In-Construction Standard (29 CFR 1926.62), with the Maryland Amendments to this regulation. Emphasis is on lead-contaminated construction activities associated with demolition, removal of lead-containing materials, new construction, and transportation and disposal of lead waste materials.

### **Asbestos Worker Refresher**

This recertification course is required annually to maintain a person's abatement work certification. Taught in English and Spanish, this course complies with AHSARA revisions to the EPA Model Accreditation Plan. The course updates local, state and federal regulations with emphasis on the skills and knowledge needed to properly perform asbestos abatement operations. Topics covered in the 4-day course are also reviewed.

### **Asbestos EPA Supervisor Refresher**

This annual refresher class is required for asbestos abatement supervisors to maintain their accreditations. The course focuses on new State and Federal regulations, abatement methods, and competent person responsibilities. The course will also review initial course topics. Skill-building exercises and case studies are utilized to enhance the learning experience.

### **Asbestos Inspector Management Planner Refresher**

This annual refresher course is for individuals that have a current EPA AHERA inspector/management planner accreditation. Individuals with inspector/management planner accreditation must take both the inspector and management planner refresher. This refresher course meets the AHERA, ASHARA and TSCA Title II Accreditation for asbestos inspectors/management planners.



# **COURSE DESCRIPTIONS (Continued)**

## **8-Hour/1-Day Courses (continued)**

### **Asbestos Project Designer Refresher**

This refresher course is required for AHERA Project Designers to maintain their EPA/AHERA Project Designer accreditations. The course covers the fundamental components of developing asbestos abatement project designs. It also provides updated information on regulatory developments and state-of-the-art approaches to abatement.

### **Asbestos Project Monitor Refresher**

This refresher is necessary for individuals who hold only a Virginia Project Monitor License or a Delaware Project Monitor License.

### **HAZWOPER Refresher**

This annual refresher course is required for individuals with current OSHA HAZWOPER training certification.

### **OSHA Confined Space**

This course meets the training requirements of 29 CFR 1910.145, for Permit-Required Confined Space Entry. The Confined Space Entry course provides students with an understanding and working knowledge of the regulations and requirements necessary to properly identify permit-required confined spaces and to perform work safely in, and around, confined spaces. Detailed hands-on activities involving atmospheric monitoring, ventilation, and hazard isolation are included.

## **16 Hour/2-Day Courses**

### **Lead Worker**

This course is required for lead workers who are employed by contractors performing lead abatement projects. It is also the required training course for individuals who will work on lead paint maintenance and repainting projects performed in residential rental properties located in Maryland. This course meets EPA, VA, DC, and Maryland training requirements for lead abatement workers.

### **Lead Risk Assessor**

Certified Lead Inspector Technicians are eligible for the Risk Assessor course. After completing Risk Assessor training the student will be able to determine the presence or absence of lead based paint hazards and recommend options for lead hazard control.

### **Asbestos Management Planner**

The 3-day EPA AHERA Inspector certification course is a prerequisite for this course. As required under EPA/AHERA and State of Maryland regulations, this course provides the requisite information necessary to create an asbestos management plan and correctly assess the hazards of in-place management of asbestos-containing materials (ACM).

# **COURSE DESCRIPTIONS (Continued)**

## **16 Hour/2-Day Courses (continued)**

### **Asbestos Project Monitor**

Asbestos abatement projects that require a project monitor are projects performed in occupied buildings or in buildings intended to be occupied, upon completion of the abatement project. The building owner may also deem it necessary for abatement projects to be monitored. This course is required for individuals who will be observing and monitoring the activities of an asbestos abatement contractor to determine that proper work practices are used and that compliance with applicable asbestos laws and regulations is maintained. Other project monitor duties include collecting abatement air samples, performing visual inspections of the work area, and performing final clearance after scope of work is completed.

### **Asbestos Operations & Maintenance**

This course is required for school maintenance and custodial staff who conduct activities that may disturb asbestos or presumed asbestos containing materials. It is an ideal program for a host of trade groups such as plumbers, electricians, air conditioning, heating personnel, and maintenance personnel. This certification is required for OSHA Class III competent persons. There is an annual 4-hour recertification requirement in the State of Maryland.

### **OSHA-10 for Construction**

These courses provide employees with safety training on a variety of OSHA topics and will be customized to address site-specific safety training needs. These courses can be conducted in one long day, or broken into parts on two consecutive days. Students receive a certificate of completion and course completion card from the OSHA Training Institute upon completion of the course.

## **24 Hour/3-Day Courses**

### **Lead Inspector Technician**

This course meets the training certification requirements for Lead Inspector Technicians in Maryland, District of Columbia and Virginia. Students learn the HUD Guidelines sampling protocols for XRF's, paint chips, dust and soil. State regulatory requirements are also covered. Hands-on activities include XRF operation, paint chip sampling, dust wipe sampling, soil sampling, substrate corrections and inspection requirements for single and multi-family units.

### **Asbestos Inspector**

This EPA Region III and Maryland-approved curriculum covers the essential skills of performing comprehensive asbestos inspections in schools, public buildings, and commercial buildings. The course is based on the Asbestos Hazard Emergency Response Act (AHERA) protocol. Instruction in this program is provided by field-experience trainers and includes an inspection of a building.

# COURSE DESCRIPTIONS (Continued)

## 24 Hour/3-Day Courses (continued)

### **Asbestos Project Designer**

This course is required for all individuals who will design any asbestos abatement activity. Classroom presentations, and realistic case study scenarios, provide participants with a solid foundation for developing responsible and efficient asbestos abatement project designs, specifications and work plans. This course complies with the AHARA revisions of the EPA Model Accreditation Plan.

### **OSHA Hazmat Technician**

This course is for personnel who are likely to witness, or discover a hazardous substance release and subsequently notify the proper authorities. This course satisfies the training requirements of OSHA 29 CFR 1910.129 (q)(6)(i).

## 32 Hour/4-Day Courses

### **Lead Supervisor**

This course is required for individuals who will supervise lead abatement projects performed in target housing and/or child-occupied facilities, and meets EPA, Virginia, DC, and Maryland training requirements for S2 supervisors, and is a pre-requisite for the Lead Project Designer class. The course also meets the training requirements for individuals who will perform lead risk reduction treatments in Maryland residential rental properties.

### **Asbestos EPA Worker**

The Environmental Protection Agency (EPA) requires this initial course for workers engaged in the abatement of asbestos-containing materials (ACM). Classroom instruction is combined with practical hands-on activities to provide participants with a thorough understanding of the asbestos abatement workplace.

### **OSHA-30 for Construction**

These courses are designed for supervisors, foreman, directors, site safety officers, and project managers who are responsible for OSHA compliance at their construction sites, company, or facilities. The 30-Hr. for Construction focuses on 29 CFR 1910 regulations. Overview of OSHA, basic electrical safety, machine guarding, ladders, scaffolds, excavations, cranes, PPE, confined space entry, tools & equipment are some of the topics that may be included.

## 40 Hour/5-Day Courses

### **Lead Supervisor/Project Designer**

To fulfill training requirements for Lead Abatement Supervisor in the State of Maryland & District of Columbia, a 4-day course is required. To meet Virginia training requirements for Lead Paint Abatement Supervisor/Project Designer, a 5-day course is required. This course is for personnel who directly supervise lead abatement operations, lead risk reduction operations and accredited lead paint abatement workers.

## **COURSE DESCRIPTIONS (Continued)**

### **40 Hour/5-Day Courses (continued)**

#### **Asbestos AHERA Supervisor**

This course is necessary for the accreditation of individuals to supervise an asbestos abatement project. All persons who will serve as the competent person on an asbestos abatement project must take this course. The supervisor course addresses EPA, OSHA, Maryland, Virginia and District of Columbia State regulations for asbestos abatement projects. It is ideal training for building owners, regulatory officials, industrial technicians and safety officers who need to be knowledgeable of the details of abatement projects. This course complies with ASHARA revisions to the EPA Model Accreditation Plan. All students participate in detailed hands-on activities and desktop scenarios.

#### **OSHA HAZWOPER**

The course provided basic knowledge and techniques required for workers who are potentially exposed to hazardous substances and health hazards while performing contaminated site work activities. This course meets the initial training requirements of OSHA's HAZWOPER standard (29 CFR 1910.120; 29 CFR 1926.65) and includes respiratory protection, lockout/tagout, hazard communication, confined space entry, and personal protective equipment.

## EQUIPMENT DESCRIPTIONS

**Equipment Name:** **Moisture Meter**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This hand-held device is used to measure surface moisture content by direct contact with a building surface or component. It is used in Indoor Air Quality and Mold Surveys to assess moisture content that may be associated with water intrusion or high humidity conditions.

**Equipment Name:** **Hygrometer**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This hand-held device is used to measure air temperature and relative humidity. It is used in Indoor Air Quality and Mold Surveys to assess humidity conditions that may be associated with water intrusion or high humidity conditions.

**Equipment Name:** **Moisture Meter/Hygrometer Combination**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This multi-function hand-held device is used to measure surface moisture content by direct contact with a building surface or component, as well as air temperature and relative humidity. It is used in Indoor Air Quality and Mold Surveys to assess moisture content and humidity conditions that may be associated with water intrusion or high humidity conditions.

**Equipment Name:** **Infrared Thermal Imaging Unit**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This sophisticated hand-held device records and integrates visible and thermal images, and is a primary diagnostic tool for determining the thermal performance of a building envelope, structure, or component. It can be used to identify heating and cooling loss due to poor construction, missing or inadequate insulation, and moisture intrusion. Because it is a non-contact device, it can be used to assess conditions that cannot be easily accessed such as elevated walls, ceilings, or other structures.

**Equipment Name:** **Indoor Air Quality Monitor**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This hand-held multi-function device measures the general indoor air quality parameters: temperature, relative humidity, carbon dioxide and carbon monoxide. The data are recorded for the period sampled. It is used in Indoor Air Quality surveys and Mold Surveys.

**Equipment Name:** **Laser Particle Counter**

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This hand-held multi-channel device measures particulates that range in size from less than one micrometer ( $\mu\text{m}$ ) to 10 or more micrometers in diameter. Differential or cumulative particle counts are measured simultaneously in six size ranges and the data are recorded for the period sampled. It is used in Indoor Air Quality surveys and Mold Surveys.

## EQUIPMENT DESCRIPTIONS (Continued)

**Equipment Name:** Ultra-fine Particle Counter

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This hand-held device measures ultra-fine particulates with a center point 0.1 micrometer ( $\mu\text{m}$ ) in diameter. Total particle counts are measured and the data are displayed in real-time. It is used in Indoor Air Quality surveys.

**Equipment Name:** Spore Trap Sampler

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This type of microbial air sampler collect mold on specially prepared microscope slides for subsequent laboratory analysis by direct microscopic examination. It is used in Indoor Air Quality surveys and Mold Surveys.

**Equipment Name:** Viable Microbial Sampler

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This type of microbial air sampler collects mold or bacteria samples on sterile agar plates for subsequent laboratory analysis by culture methods. It is used in Indoor Air Quality surveys and Microbial Surveys.

**Equipment Name:** XRF (X-ray Fluorescence)

**Relevant SIN's:** 899-1, 899-8

**Equipment Description:**

This instrument is used for direct reading, non-destructive identification of lead-based paint during lead paint inspections, risk assessments and surveys.