FUSS & O'NEILL
EnviroScience, LLC

GSA Contract Holder
Contract GS-10F-0127V

FUSS & O'NEILL ENVIROSCIENCE, LLC

"Over 23 years experience in the industrial hygiene and environmental fields"
"Highly skilled, professional scientists"
"Commitment to industry training and education"

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Manchester, Connecticut 06040
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GENERAL SERVICES ADMINISTRATION
SCHEDULE FOR ENVIRONMENTAL SERVICES
SINS 899-1, 899-1RC, 899-3, 899-3RC

CONTRACT NUMBER: GS-10F-0127V

- **DUNS No.: 185173143**
- **Contract Period: March 31, 2009 through March 30, 2014**
- **Business Size: Small Business**
- **Contract Administration: Joseph Cardinale**
  - **Email: jcardinale@fando.com**

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FUSS & O'NEILL
EnviroScience, LLC

COMPANY OVERVIEW

Fuss & O'Neill EnviroScience, LLC, a multi-disciplined industrial hygiene and environmental consulting firm, has served a wide variety of clients since 1987. Our offices, staffed by 38 professionals, are headquartered in Manchester, CT with branch locations in Boston, MA and Trumbull, CT.

We offer a full range of services including industrial hygiene, asbestos and lead-based paint testing and consultation, training, laboratory analysis, health and safety consulting and monitoring, human and health risk assessments and environmental data assessments. EnviroScience is recognized in the environmental field for achieving the client's objective and providing quality services.

Our staff is comprised of degreed professionals (Certified Industrial Hygienist, architects, consultants, technicians, environmental specialists, chemists, toxicologists, and administrative support staff) who regularly update their knowledge through advanced college course work and specialized training programs. The size and depth of the organization ensures that all projects can be consistently staffed with qualified personnel. With combined staff experience of more than 150 years, our abatement and management strategies for the elimination and control of environmental hazards are accurate and comprehensive. Our clients benefit from complete and timely solutions.

Our services include:

- Asbestos & Lead Paint Consulting
- Health & Safety Consulting
- Industrial Hygiene
- Indoor Air Quality/Mold
- Human Health Risk Assessment
- Ecological Risk Assessment
- Ecological Wetland Services
- Environmental Data Validation
- Wildlife and Wildlife Habitat Surveys
- Rare Animal & Protected Species Survey
- Wetlands & Watersheds and other Natural Resource Management plans
- Environmental Assessments & Impact Statements - National Environmental Policy Act (NEPA)
- Environmental Compliance Services
- Environmental Advisory Services

- Environmental Permitting
- Environmental Program and Project Management
- Environmental Studies and related Remedial Costs Estimates
- RCRA/CERCLA Site Investigations
- Environmental Training & Education
- Waste Management Services
- Homeland Security Issues, including security vulnerability assessments and site security plans

On March 31, 2009, Fuss & O'Neill EnviroScience, LLC was awarded their GSA 899 Environmental Service Contract. In the following sections we have provided a detailed listing of the services we can provide under each Special Item Number (SIN), along with pricing information.

CUSTOMER INFORMATION GS-10F-0127V

1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers: 899-1, 899-1 RC, 899-3 and 899-3 RC.

1b. N/A

1c. Labor category descriptions are attached.

2. Maximum order: $1,000,000.00

3. Minimum order: $100.00

4. Geographic coverage: Domestic only

5. Point (s) of production: Same as contractor's address

6. Discount from list prices or statement of net price: Government net prices (discounts already deducted).

7. Quantity discounts: The following quantity discounts will be provided to the GSA:

#	State Organizations	Quantity Discount ($)	Additional Discount Offered (%)	Labor Category
1	Connecticut DAS	$700,000	9% 14%	for all Env. Tech II for all Env. Tech III
2	Massachusetts OSD	$200,000	12% 44%	for all Project Manager II for all Administrative/Clerical
3	CT/MA Schools	$2,000,000	3%	All other labor categories except the 4 listed above

8. Prompt Payment terms: Net 30 Days

9a. Notification that Government purchase cards are accepted up to the micro-purchase threshold: Yes

9b. Notification whether Government purchase cards are accepted or not accepted above the micro purchase threshold: will accept over $2,500

10. Foreign items: None
11a. Time of delivery: Specified on the Task Order.
11b. Expedited Delivery: Items available for expedited delivery are noted in this price list: Contact contractor.
11c. Overnight and 2-day delivery: Contact contractor.
11d. Urgent requirements: Contact contractor.
12. F.O.B point(s): Destination
13a. Ordering address: Same as contractor
13b. Ordering procedures: Contact contractor.
14. Payment address: Same as contractor
15. Warranty Provision: Contractor's standard commercial warranty.
16. Export packing charges: N/A
17. Terms and conditions of Government Purchase card acceptance (any thresholds above the micro-purchase level): Contact contractor
18. Terms and conditions of rental, maintenance, and repair: N/A
19. Terms and conditions of installation: N/A
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: N/A
20a. Terms and conditions for any other services (if applicable): N/A
21. List of service and distribution points (if applicable): N/A
22. List of participating dealers: N/A
23. Preventive maintenance: N/A
24. Environmental attributes: N/A
25. Data Universal Number System (DUNS) number: 18-5173143
26. Contractor is registered in Central Contractor Registration (CCR) database.

LABOR CATEGORY PRICES

#	Labor Category	Hourly Price
1	Officer	$173.34: SIN's 899-1 and 899-3
2	Associate	$163.97: SIN's 899-1 and 899-3
3	Senior Engineer, Scientist, Analyst III (Senior Project Manager)	$149.92: SIN's 899-1 and 899-3
4	Senior Engineer, Scientist, Analyst II (Project Manager)	$134.92: SIN's 899-1 and 899-3
5	Senior Engineer, Scientist, Analyst I (Project Manager)	$118.06: SIN's 899-1 and 899-3
6	Engineer, Scientist, Analyst III	$107.75: SIN's 899-1 and 899-3
7	Engineer, Scientist, Analyst II	$85.26: SIN's 899-1 and 899-3
8	Engineer, Scientist, Analyst I	$78.71: SIN's 899-1 and 899-3
9	CADD, Survey, Environmental Tech III	$74.02: SIN's 899-1 and 899-3
10	CADD, Survey, Environmental Tech II	$69.34: SIN's 899-1 and 899-3
11	CADD, Survey, Environmental Tech I	$58.09: SIN's 899-1 and 899-3
12	Clerical	$53.57: SIN's 899-1 and 899-3

- The Service Contract Act (SCA) is applicable to this contract and it includes SCA eligible labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix below. 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.

SCA Eligible Contract Labor Category	SCA Equivalent Code	SCA Title	WD Number
**Administrative/Clerical	01020	Administrative Assistant	05-2087

TRAINING COURSE PRICES

#	TRAINING COURSE	MINIMUM # OF PARTICIPANTS	MAXIMUM # OF PARTICIPANTS	PRICE/PERSON	PRICE FOR ADDITIONAL PARTICIPANTS OVER MINIMUM	SIN
1	USEPA 24-hr Asbestos Inspector Initial	6	15	$430.71	$239.28	899-3
2	USEPA 4-hr Asbestos Inspector Refresher	6	20	$119.64	$47.86	899-3
3	USEPA 40-hr Asbestos Project Monitor Initial	8	15	$574.28	$334.99	899-3
4	USEPA 8-hr Asbestos Project Monitor Refresher	8	20	$167.50	$119.64	899-3
5	USEPA 16-hr Asbestos Operations and Maintenance Initial	6	15	$376.81	$239.28	899-3
6	USEPA 4-hr Asbestos Operations and Maintenance Refresher	6	20	$119.64	$47.86	899-3
7	USEPA 32-hr Asbestos Abatement Worker Initial	8	15	$526.42	$334.99	899-3
8	USEPA 8-hr Designated Person for Asbestos In Schools	4	10	$287.14	$143.57	899-3
9	NIOSH 32-hr 582: Sampling and Evaluating Airborne Dust	6	10	$622.13	$287.14	899-3
10	USEPA 40-hr Lead Supervisor/Contractor Initial	8	15	$574.28	$334.99	899-3
11	USEPA 8-hr Lead Supervisor Refresher	8	20	$167.50	$119.64	899-3
12	USEPA 32-hr Lead Worker Initial	8	15	$526.42	$334.99	899-3
13	USEPA 8-hr Lead Worker Refresher	8	20	$167.50	$119.64	899-3
14	USEPA 24-hr Lead Inspector Initial	6	15	$430.71	$239.28	899-3

TRAINING COURSE PRICES (Continued)

#	TRAINING COURSE	MINIMUM # OF PARTICIPANTS	MAXIMUM # OF PARTICIPANTS	PRICE/PERSON	PRICE FOR ADDITIONAL PARTICIPANTS OVER MINIMUM	SIN
15	USEPA 8-hr Lead Inspector Refresher	8	20	$167.50	$119.64	899-3
16	HUD 8-hr Lead Safe Worker	10	15	$143.57	$71.78	899-3
17	OSHA 4-hr Lead in Construction	6	20	$119.64	$47.86	899-3
18	OSHA 2-hr Asbestos Awareness	7	60	$71.78	$23.93	899-3
19	OSHA 40-hr HAZWOPER Site Worker Initial	8	12	$856.63	$430.71	899-3
20	OSHA 8-hr HAZWOPER Site Worker Refresher	8	25	$215.35	$119.64	899-3
21	Indoor Air Quality Inspector Initial Course	6	15	$334.99	$191.43	899-3

SINS: 899-1, 899-1 RC, 899-3, 899-3 RC

SIN 899-1 ENVIRONMENTAL PLANNING SERVICES AND DOCUMENTATION

- Hazardous Material (Asbestos/Lead/PCBs/Formaldehyde/CFCs/Mercury and other building related environmental hazards) Services (Inspections, Remediation Design, Project Monitoring and Clearance)
- Indoor Air Quality Assessments, including Radon and Environmental Microbiology (Mold, MERSA, Salmonella, Legionella, Sewage Clearance and E-Coli Inspection and Testing/Sampling) and VOC's. Services include Remediation Design and Clearance.
- Human and Ecological Risk Assessments
- Wetland Analysis, Management Plans, Mitigation and Monitoring
- Wildlife and Wildlife Habitat Surveys
- Environmental Biology, Biomonitoring and Rapid Biological Assessments
- Rare Animal and Protected Species Surveys
- Environmental Compliance Services
- Environmental Advisory Services
- Wetlands & Watersheds and other Natural Resource Management plans
- Environmental Assessments & Impact Statements - National Environmental Policy Act (NEPA)
- Environmental Training & Education
- Waste Management Services
- Data Collection and Risk Analysis (includes Data Validation re: Risk Derived Target Clean-up Concentrations).
- Hazard and/or Non Hazardous Exposure Assessments
- Furnishing or Inventory of Material Safety Data via CD, Internet, Facsimile, Mail or other Media
- Ongoing Advice and Assistance with Data and Information re: Material Safety Data Sheets
- Homeland Security Issues, including security vulnerability assessments and site security plans
- Environmental Permitting
- Environmental Program and Project Management
- Environmental Studies and related Remedial Costs Estimates
- RCRA/CERCLA Site Investigations

SIN 899-3 ENVIRONMENTAL OCCUPATIONAL TRAINING SERVICES

- Training on Standard EPA Asbestos and Lead Courses
- Customized Course Development (for ex. Indoor Air Quality) and Training
- Training on Standard OSHA Courses for Lead, Asbestos and Hazardous Waste (Hazwoper)

LABOR CATEGORY DESCRIPTIONS

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Officer (President, Executive Vice President, Senior Vice President, Vice President)

Functional Duties/Responsibilities: Responsible through lower-level managers for project management operations in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Directs the development of strategies and goals, and the scheduling, progress and completion of major projects. Develops markets for company services, obtains new business and initiates measures to improve financial results while promoting customer satisfaction. Serves as technical and business consultant to senior staff and project participants.

Minimum Education: Bachelor's degree in technical specialty or related field plus a minimum of 15 years of experience or equivalent combination of education and experience.

Required/Supplemental Certifications: Required certificates, licenses or registrations may include: Certified Industrial Hygienist; Asbestos Project Designer, Project Monitor, Inspector, Management Planner; Lead Planner, Project Designer, Inspector, Risk Assessor; Radon Measurement Professional and Mitigation Designer; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Associate

Functional Duties/Responsibilities: Directs overall operations related to numerous projects. Plans and coordinates activities involving major contracts that entail substantial financial risks to the company. Develops markets for company services, obtains new business and initiates measures to improve financial results while promoting client satisfaction. Serves as a technical and business consultant to senior managers and project participants.

Minimum Education: Bachelor's degree in technical specialty or related field plus a minimum of 12 years of experience or equivalent combination of education and experience.

Required/Supplemental Certifications: Required certificates, licenses or registrations may include: Certified Industrial Hygienist; Asbestos Project Designer, Project Monitor, Inspector, Management Planner; Lead Planner, Project Designer, Inspector, Risk Assessor; Radon Measurement Professional and Mitigation Designer; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Senior Engineer, Scientist, Analyst III (Senior Project Mgr.)

Functional Duties/Responsibilities: Responsible for project management operations on larger projects in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Manages staff and plans, directs and coordinates activities related to complex and/or large contracts; ensures that contract stipulations and company goals are accomplished within prescribed timeframe and projected costs. Serves as technical and business consultant to senior staff and project participants.

Minimum Education: B.S. and 10 years of experience required; M.S. desirable.

Required/Supplemental Certifications: Required certificates, licenses or registrations may include: Certified Industrial Hygienist; Asbestos Project Designer, Project Monitor, Inspector, Management Planner; Lead Planner, Project Designer, Inspector, Risk Assessor; Radon Measurement Professional and Mitigation Designer; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Senior Engineer, Scientist, Analyst II (Project Mgr.)

Functional Duties/Responsibilities: Responsible for project management operations on projects in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Manages staff and plans, directs and coordinates activities related to complex and/or large contracts; ensures that contract stipulations and company goals are accomplished within prescribed timeframe and projected costs. Plans, directs and coordinates activities related to multiple projects; ensures that contract stipulations and company goals are accomplished within prescribed timeframe and projected costs.

Minimum Education: B.S. and 8 years of experience required; M.S. desirable.

Required/Supplemental Certifications: Required certificates, licenses or registrations may include: Certified Industrial Hygienist; Asbestos Project Designer, Project Monitor, Inspector, Management Planner; Lead Planner, Project Designer, Inspector, Risk Assessor; Radon Measurement Professional and Mitigation Designer; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Senior Engineer, Scientist, Analyst I

Functional Duties/Responsibilities: Plans, conducts and coordinates highly complex activities that typically involve substantial financial impact on the company. Serves as technical advisor to management and clients, and leads the investigation and resolution of highly complex problems. Participates in marketing and related efforts to obtain new business.

Minimum Education: B.S. and 6 years of experience required; M.S. desirable.

Required/Supplemental Certifications: Required certificates, licenses or registrations may include: Certified Industrial Hygienist; Asbestos Project Designer, Project Monitor, Inspector, Management Planner; Lead Planner, Project Designer, Inspector, Risk Assessor; Radon Measurement Professional and Mitigation Designer; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Engineer, Scientist, Analyst III (Analyst III)

Functional Duties/Responsibilities: Under general direction, plans and performs a variety of complex technical assignments in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Other skills required ability to communicate effectively with staff and clients, ability to present information in one-on-one and small group situations with clients and staff.

Minimum Education: B.A. or B.S. and 4 years of experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Engineer, Scientist, Analyst II (Analyst II)

Functional Duties/Responsibilities: Performs technical assignments, some of which may be of a more complex nature, following standard practices, established procedures and specific instructions in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Other skills required include ability to communicate effectively with staff and clients, ability to present information in one-on-one and small group situations with clients and staff.

Minimum Education: B.S. and 2 years of experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Engineer, Scientist, Analyst I (Analyst I)

Functional Duties/Responsibilities: Performs technical assignments, following standard practices, established procedures and specific instructions in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Other skills required include ability to communicate effectively with staff and clients, ability to present information in one-on-one and small group situations with clients and staff.

Minimum Education: B.S. and no experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: CADD, Survey, Technician III (Environmental Tech III)

Functional Duties/Responsibilities: With limited direction and guidance, performs project-related tasks which may require selecting and using various instruments, specialized apparatus and other equipment applicable to specific assignments in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Collects environmental samples, calibrates and maintains field equipment and enters environmental data into electronic databases. Other skills required include understanding of basic math concepts, expertise in environmental computer software and ability to communicate with internal and external clients.

Minimum Education: A.A. in scientific field and minimum 4 years of experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: CADD, Survey, Technician II (Environmental Tech II)

Functional Duties/Responsibilities: Performs technical assignments following standard practices, established procedures and specific instructions in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Collects environmental samples, calibrates and maintains field equipment and enters environmental data into electronic databases. Other skills required include understanding of basic math concepts, expertise in environmental computer software and ability to communicate with internal and external clients.

Minimum Education: A.A. in scientific field and minimum 2 years of experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: CADD, Survey, Technician I (Environmental Tech I)

Functional Duties/Responsibilities: Performs technical assignments following standard practices, established procedures and specific instructions in the following service areas: Hazardous Materials; Indoor Air Quality; Human and Ecological Risk; Wetlands, Wildlife and Wildlife Habitat; Environmental Biology; Rare Animal and Protected Species; Training; Data Collection and Risk Analysis; Hazard and/or non Hazardous Exposure Assessments and Material Data Safety Sheets (MSDS) Consulting. Collects environmental samples, calibrates and maintains field equipment and enters environmental data into electronic databases. Other skills required include understanding of basic math concepts, expertise in environmental computer software and ability to communicate with internal and external clients.

Minimum Education: A.A. in scientific field and minimum 1 year of experience required.

Required/Supplemental Certifications: Desired certificates, licenses or registrations may include: Asbestos Inspector, Project Monitor; Lead Inspector, Risk Assessor; Radon Measurement Professional; NIOSH 582 Microscopist.

Relevant SIN(s): SIN 899-1, SIN 899-3
Title: Clerical (Administrative Assistant)

Functional Duties/Responsibilities: The Administrative Assistant position provides administrative and secretarial support to individuals and groups.

Minimum Education: This position requires a high school diploma and 1-3 years of experience or an equivalent combination of education and experience.

Required/Supplemental Certifications: None

TRAINING COURSE DESCRIPTIONS

USEPA 24-Hr. Asbestos Inspector Initial

This 3-day course is required for anyone seeking to conduct asbestos building inspections. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, includes instruction in asbestos background information, asbestos identification, potential health effects, role of inspector, building systems, public/employee/building occupant relations, pre-inspection, bulk sampling, recordkeeping, inspection report, respiratory protection, legal liabilities, and a field walk-through inspection.

USEPA 4-Hr. Asbestos Inspector Refresher

This ½-day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to conduct asbestos building inspections. The prerequisite is the 24-Hr. Initial Course.

USEPA 40-Hr. Asbestos Project Monitor Initial

This 5-day course is required for anyone seeking to monitor asbestos abatement projects. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, prepares individuals to be familiar with the needs and requirements of safe work practices for asbestos abatement. These practices encompass required safety and health oversight duties including, but not limited to, verification of regulatory compliance for abatement worker and supervisor training; certification, medical surveillance, respirator fit testing; containment construction and maintenance of integrity; work practices and adherence to contract specifications; visual inspections of abatement containments and adjacent area monitoring prior to, during and after the abatement work; air testing for employee exposure for consistency with exposure assessments and adjacent area air monitoring.

USEPA 8-Hr. Asbestos Monitor Refresher

This full-day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to conduct asbestos abatement project monitoring. The prerequisite is the 40-Hr. Initial Course.

USEPA 16-Hr. Asbestos Operations and Maintenance (O&M) Initial

This 2-day course is required for anyone seeking to conduct small scale, short duration asbestos disturbance, including removal. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, incorporates EPA/AHERA required training for those who perform maintenance work that impacts less than three feet of asbestos containing materials. Instruction includes: asbestos awareness, potential health effects, personal protection, special work practices, special cleaning, decontamination, waste management and hands-on activities to include glove bag removal, mini-enclosure and respiratory protection.

USEPA 4-Hr. Asbestos O&M Refresher

This ½-day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to conduct small scale, short duration asbestos disturbance, including removal. The prerequisite is the 16-Hr. Initial Course.

USEPA 32-Hr. Asbestos Abatement Worker

This 4-day course is required for anyone seeking to conduct gross removal of asbestos containing materials. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, includes the topics of asbestos awareness, potential health effects, personal protection, air monitoring procedures, principles of asbestos handling, plus hands-on training to include glove bag removal, mini-enclosure and respiratory protection, hands-on training in construction of a 3-stage decon unit, a negative-pressure containment and gross removal techniques

There is a Refresher required but we currently do not teach it.

USEPA 8-Hr. Designated Person for Asbestos in Schools

The U.S. EPA requires every local education authority operating K-12 schools to have an individual responsible to ensure compliance with the 'Asbestos in Schools Rule': the designated person. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, includes an overview of asbestos containing materials, usage, regulations, inspection requirements, record keeping and Management Plan requirements.

No Refresher Required.

NIOSH 32-Hr. 582: Sampling and Evaluating Airborne Asbestos Dust

This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts provides for the microscopic identification of airborne asbestos fibers and treats the asbestos sampling and evaluating techniques in detail. The theory and explanation given in lecture are applied in a hands-on laboratory setting to reinforce each major concept. At the conclusion of this course the trainee will be able to properly use the sampling and evaluating equipment and to apply to procedures necessary for collection and evaluation of asbestos dust samples.

> Support Materials: Manual, handouts, 400X optical microscopes (Nikon Labophot or equivalent, one per trainee) with calibration and reference slides and forms; slide mounting equipment and supplies; area and personal air sampling pumps.

No Refresher Required.

USEPA 40-Hr. Lead Supervisor/Contractor Initial

This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts is intended to prepare the participant to interpret the data from lead abatement specifications and project plans, to know about building systems and all applicable lead regulations, in order to supervise and direct a lead abatement project. The curriculum also satisfies OSHA worker protection training requirements. Hands-on training includes: methods of removal (wet scrape, mechanical methods, chemical removal); setting up worker decontamination stations; workplace preparation; personal protective equipment; and exposure monitoring. Supervisors also do extensive review of pertinent regulations, management checklists, and supervisory documentation paperwork responsibilities.

This course is the 32-Hr. Lead Worker Course plus 8 hours of classroom instruction to include: insurance and liability issues, air sampling methods, pump calibration, supervisory techniques, contract specification, notification requirements and recordkeeping. The course provides information on lead-based paint abatement and the current regulatory guidelines. The objective of the course is to train people who will be responsible for supervising lead paint abatement projects in residential settings; however, abatement in commercial buildings and on structural steel will also be discussed.

USEPA 8-Hr. Lead Supervisor Refresher

This full day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to conduct and supervise lead abatement projects. The prerequisite is the 40 Hr. Initial Course.

USEPA 32-Hr. Lead Worker Initial

Based on the EPA model curriculum for workers, the course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, offers training in the latest technologies for safe and effective removal of lead-based paint and also satisfies OSHA worker protection training requirements. This 4-day course is required for anyone conducting the abatement of lead-based paint in child occupied facilities. This course consists of information on background history, health effects, medical monitoring, work practices, personal protection, methods of abatement and remediation, decontamination procedures, and state, Local and Federal regulations. Knowledge to be applied in hands-on practice. Students will demonstrate a knowledge of the lead worker materials plus case studies, lead testing, inspection reports, compliance, project design and supervising abatement projects, HUD and OSHA regulations, hazard communication, recordkeeping, legal liabilities, contract specification and insurance considerations.

USEPA 8-Hr. Lead Worker Refresher

This full day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to perform as a worker on lead abatement projects. The prerequisite is the 32-Hr. Initial Course.

USEPA 24-Hr. Lead Inspector Initial

This 3-day course is required for anyone seeking to conduct inspections for lead-based paint. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts will provide the student with background information on lead health effects, personal protection, regulatory history, construction terminology and techniques, XRF analyzers, legal liability and responsibilities, preparation and analysis of samples, recordkeeping, and testing other media.

The purpose of this training is to equip and certify the participant to conduct inspections for lead paint, both by using XRF analyzers and by collecting paint, dust, water and soil samples; to assess the condition of the paint and substrate and to recognize encapsulation requirements and post-abatement re-occupancy criteria.

Support Materials: Manual, handouts, XRF Analyzer, 50 cc plastic tubes, wipe media.

USEPA 8-Hr. Lead Inspector Refresher

This full day course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, reviews key material in the initial course and introduces any new material (regulations, work practices, etc.) which have recently emerged. This course is required annually for anyone seeking to conduct inspections for lead-based paint. The prerequisite is the 24-Hr. Initial Course.

HUD 8-Hr. Lead Safe Work Practices

This full-day HUD-approved training course is designed to cover safe work practices for the identification and handling of lead-based paint hazards and is oriented to persons involved in renovation and remodeling. Participants will: 1. understand the sources of lead; 2. know the health effects of lead exposure for both children and adults; 3. be familiar with federal and state standards concerning lead-based paint; 4. understand how improper renovation, remodeling and maintenance techniques can create lead hazards; 5. know the principles of working smart, working wet, and working clean; 6. know which practices are prohibited by law; 7. know the proper techniques to avoid creating lead hazards, including: how to plan a lead-safe job, how to set up a lead-safe job, how to implement lead-safe work practices, how to clean up safely, how to dispose of waste safely.

No Refresher Required.

OSHA 4-Hr. Lead in Construction

This course, developed in accordance with the requirements the OSHA Lead in Construction rule (29 CFR1926.62) and using primarily Microsoft PowerPoint, supplemented by a course manual and handouts offers training in training in worker protection where lead is being disturbed in construction. This course consists of information on health effects, medical monitoring, work practices, including engineering controls and personnel protection, including the use of respirators.

Refresher: This course needs to be taken annually by anyone working with lead in construction. Therefore, the initial 4-hour course also serves as the refresher course.

OSHA 2-Hr. Asbestos Awareness

This 2-hour course is required for anyone who works around and could be exposed to asbestos, particularly that which has been disturbed. This course using primarily Microsoft PowerPoint, supplemented by course handouts, includes potential health effects of asbestos, the types of asbestos, the types of building materials where asbestos has been used, personal protection, special cleaning and decontamination procedures and proper waste management.

Refresher: This course needs to be taken annually by anyone working around asbestos. Therefore, the initial 2-hour course also serves as the refresher course.

40-Hour HAZWOPER Site Worker:

Employees involved in any of the following activities are required by the Occupational Safety and Health Administration (OSHA) to receive training per the 29 CFR 1910.120:

1. Clean-up operations required by a government body whether Federal, state, or local involving hazardous substances at uncontrolled hazardous waste sites;
2. Clean-up operations at sites covered by the Resource Conservation and Recovery Act (RCRA);
3. Voluntary clean-up operations at uncontrolled hazardous waste sites;
4. Hazardous waste operations conducted at treatment, storage and disposal facilities regulated by the Environmental Protection Agency pursuant to RCRA; or
5. Emergency response operations for releases of hazardous substances.

The following modules are incorporated into the Site Worker training program:

1. Regulation Overview
2. Hazard Communication
3. Physical Hazards Health Hazards
4. Respiratory Protection
5. Personal Protective Equipment
6. Monitoring Equipment
7. Site Control
8. Decontamination
9. Spill Control
10. First Aid
11. Confined Space Entry
12. Excavation Safety
13. Site Characterization

Support Materials: Manual, handouts, area and personal air sampling pumps; PIDs, respirators.

8-Hour HAZWOPER Refresher:

Employees involved in any of the following activities are required by the Occupational Safety and Health Administration (OSHA) to receive annual refresher training 29 CFR 1910.120:

1. Clean-up operations required by a government body whether Federal, state, or local involving hazardous substances at uncontrolled hazardous waste sites;
2. Clean-up operations at sites covered by the Resource Conservation and Recovery Act (RCRA);
3. Voluntary clean-up operations at uncontrolled hazardous waste sites;
4. Operations involving hazardous waste that are conducted at treatment, storage and disposal facilities regulated by the Environmental Protection Agency pursuant to RCRA; or
5. Emergency response operations for releases of hazardous substances.

The following modules are incorporated into the annual HAZWOPER Refresher:

1. Regulation Overview
2. Hazard Communication
3. Physical Hazards
4. Health Hazards
5. Personal Protective Equipment
6. Monitoring Equipment
7. Site Control
8. Decontamination
9. Spill Control
10. Confined Space Entry

Indoor Air Quality Inspector Initial Course

This 2-day course is designed to train Indoor Air Quality (IAQ) Inspectors with the tools that are required to assess potential indoor air contaminants that may cause risk to human health. This course, using primarily Microsoft PowerPoint, supplemented by a course manual and handouts, includes instruction in asthma and allergies, mold, carbon monoxide, radon, volatile organic compounds and other indoor air problems. It also includes identification of building envelope problems that are likely to cause IAQ problems such as moisture incursion, HVAC considerations and indoor chemical storage. Sampling techniques are discussed in this course along with applicable testing of IAQ samples for various indoor air contaminants in addition to legal liabilities, and a field walk-through inspection.