



Master Environmental Hazard Remediation Technician-ATTACHMENT B

Course	Minimum Course Time	Training Providers/ Training Information	Satisfactory Proof of Course Completion	Notes
OSHA Construction or General Industry	10 hour	OSHA Outreach Trainers must complete OSHA-500 or OSHA- 501 Class http://outreachtrainers.org/client/trainer_results.aspx	OSHA-approved 10-hour construction safety and health course. Certificate of Training	Trainer’s certificate requires refresher.
NYSDOL Handler	32 hour	NYSDOH Accredited Asbestos Training Providers http://www.health.ny.gov/environmental/indoors/asbestos/sponsors.htm	Initial course completion (DOH 2832) within 45 days while waiting for certificate	Recertified every year.
USEPA Lead Worker	16 hour	USEPA Accredited Training Programs Search Page: http://cfpub.epa.gov/flpp/search.cfm?Applicant_Type=TRAINING NYS/Abatement Worker in Search: http://cfpub.epa.gov/flpp/search.cfm?Applicant_Type=TRAINING&Sort_By=&Applicant_Name=&City=&State=New+York&Zip_Code=&Discipline=Abatement+Worker&Course_Type=&Course_Language=&doSearch=Yes	A course completion certificate from an initial EPA-accredited training course. (This certificate serves as interim certification for six months following completion of training). USEPA Certificate	Recertified every three years.



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Hazardous Waste Operations	40 hour	Course curriculum as outlined in 29 CFR 1910.120.	Course completion certificate from course instructor. Topics and instructor qualifications are provided in the standard.	Annual 8-hr Refresher
Microbial Remediation	24 hours	<p>Certification requirements exist in 4 states.</p> <p>Model Curriculum:</p> <ul style="list-style-type: none"> (1) Microbiology, identification of microbial contamination and case studies, (2) Environmental assessment with particular attention to determining the scope of the project and HVAC systems; (3) Hazard Communication; (4) Potential Health Effects; (5) Respiratory Protection (6) Personal Protection Equipment; (7) Remedial techniques including but not limited to work area preparation, creating negative pressure areas, controlling moisture, removal and decontamination, biocides, measures to prevent regrowth and case studies (to include hands-on activities); and (8) Federal, state, and local rules and/or guidelines. 	<p>Guidelines are available on multiple sites.</p> <p>Course outline with topics covered and course completion certificate.</p>	



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<p>Water Damage Restoration <u>or</u> Institute of Inspection Cleaning and Restoration Certification Water Damage Restoration Certification</p>	<p>20 hour <u>or</u> 19 hours</p>	<p>Model Curriculum: (1) Restoration principles, research, and practical experience; (2) Environmental assessment of the type and amount of damage to affected surfaces and materials; (3) Techniques for drying affected structures and surfaces including case studies; (4) Recovery of materials exposed to water; (5) Development of a restoration plan; (6) Standards of cleaning and water damage restoration from clean and sanitary sources such as faucets; (7) Standards of cleaning and water damage restoration from grey water having a level of contamination that may cause illness or discomfort; (8) Standards of cleaning and water damage restoration from grossly unsanitary sources that may cause severe illness or death; and (9) Federal, state, and local rules and/or guidelines.</p>	<p>Course outline with topics covered and course completion certificate.</p>	
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<p>Fire Damage Restoration or Institute of Inspection Cleaning and Restoration Certification Fire and Smoke Restoration Technician Certification</p>	<p>16 hours or 14 hours</p>	<p>Model Curriculum: (1) Restoration principles, research, and practical experience; (2) Environmental assessment of the type and amount of damage to affected surfaces and materials; (3) Development of a restoration plan; (4) Techniques and methods for smoke odor removal); (5) Techniques for structure and surface cleaning; and (6) Standards of cleaning structures and surfaces, such as wood furniture, documents, books, and electronics.</p>	<p>Course outline with topics covered and course completion certificate.</p>	
<p>Polychlorinated Biphenyls (PCB) Awareness</p>	<p>4 hours</p>	<p>40CFR Part 761 USEPA Model Curriculum: (1) Overview of federal, state, and local rules, regulations, standards, and guidelines; (2) Health effects and methods of monitoring, assessing, and preventing exposure to PCBs; (3) Precautions for handling PCB-containing or PCB-contaminated building materials; and (4) Abatement Strategies, engineering controls and waste disposal.</p>	<p>Course outline with topics covered and course completion certificate.</p>	



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<p>Bloodborne Pathogens</p>	<p>4 hours</p>	<p>Training requirements in 1910.1030(g)(ii)</p> <p>Model Curriculum based on Standard:</p> <ol style="list-style-type: none"> (1) An overview of the OSHA Bloodborne Pathogen Standard -29 CFR 1910.1030 (2) Epidemiology and symptoms of bloodborne diseases (3) Modes of transmission of bloodborne diseases (4) Methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials (5) The use and limitations of methods that will prevent or reduce exposure including appropriate engineering controls, work practices, and personal protective equipment (6) Information on the hepatitis B vaccine; and (7) Follow-up procedures to be taken in the event of an exposure incident. 	<p>Course outline with topics covered and course completion certificate.</p>	<p>OSHA standard requires annual refresher of training.</p> <p>OSHA standard does not specify time allotment.</p>
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Infection Control Risk Assessment	4 hours	<p>Model Curriculum:</p> <ol style="list-style-type: none"> (1) Overview of the process and importance of performing an infection control risk assessment; (2) Available state-of-the art methods of reducing risk from infection during planning, construction, renovation, and remedial and maintenance activities; (3) Work area preparation and isolation including protection of HVAC systems and water supply; and (4) Federal, state, and local guidelines for protecting building environments from chemical, biological, radiological hazards. 	Course outline with topics covered and course completion certificate.	
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- Instructors must possess knowledge of the topics that will be taught, which may have been acquired through such means as relevant training or education or relevant field experience and the ability to effectively communicate the topics that will be taught.