

Hazardous Materials - Operations (i)**Regulatory Requirement References**

29 CFR 1910.120 and 1200, 49 CFR parts 100 - 185 and 311, NFPA 471 and 472, MIOSHA parts 1, 93, and 432

Time Required 40 Hrs

Pre-Requisites

Hazardous Materials Awareness Level, Hazard Communications

Requalification Period 1 Yr

Minimum # Students 4

Maximum # Students 8

Additional Course Material Yes

General Overview

This program provides familiarization with the regulatory requirements related to hazardous materials emergencies and practice in responding at the operations level. Students will become familiar with the use of personal protective equipment, safety precautions, available resources, and techniques for responding to a hazmat incident in a safe manner. Practical exercises are intended to make students aware of the limitations and risks involved with the use of emergency equipment, and provide practice in containment processes and establishing safe boundaries for the protection of personnel. Included are also reviews of decontamination processes including personnel and equipment commensurate with the employee's anticipated job function and responsibility to the degree required by potential hazards. A written examination and skills demonstrations are required for successful completion of this course.

Expected Outcomes

On completion of training, students will be knowledgeable of the employer's Emergency Response Plan and procedures and be familiar with processes for containing a hazardous materials release. Students will be familiar with federal, state and local emergency response resources, the use of personal protective equipment, air monitoring functions, and personnel decontamination processes.

Hazardous Materials - Operations (i) Continued

Topics Covered

Regulatory requirements	Types of hazardous substances
Emergency Response Plan	Medical Surveillance Program
Personal Protective Equipment	Air Monitoring
Containment and decontamination methodologies	
North American Emergency Response Guide	
NIOSH Pocket Guide to Chemical Hazards	

Implementation Mechanism

Training shall consist of a combination of formal instruction (e.g., lecture, discussion, video tape, written material), practical training (demonstrations performed by the trainer and practical exercises performed by the trainee), and evaluation of the students performance

Client Supplied Equipment

DVD/VCR player and associated viewing equipment, emergency response equipment and PPE

Client Supplied Policies and Procedures

Emergency Response Plan and associated procedures