



Pennsylvania State Fire Academy

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Minimum Standard for Accreditation (MSA)

July 1992

Revised February 1998

Course Title: Haz-Mat Operations Level Annual Refresher Training (HMOR)

Length of Course: 5.5 Hours

Lecture/Lab Breakdown: 4.0/1.5

Prerequisites: UPRR or IAFF or HISI or HMDP or otherwise certified to First Responder Operations Level

Course Goal: To provide refresher training at the First Responder Operations level which will assist students in complying with the refresher training requirement contained in 29 CFR 1910.120(q).

Description of Course: This course will allow a Haz-Mat emergency responder at the First Responder Operations level to receive refresher training as required annually by Federal Regulation.

Description of Methodology to be used: (Brief) Lecture and guided discussion. One student exercise is included.

Student Equipment/Supply Needs: Pen/Pencil and notebook; 1 copy of course Student Manual for each student (**must remain in student's possession at end of course**).

Equipment/Audiovisual/Supply Requirements: 35mm Carousel Projector w/ suitable screen; Chalkboard/Flip Chart; sufficient Student Manuals for the number of students; SFA HMAR/OR Course Kit, which contains: DOT Emergency Response Guidebooks; excerpts from Shipping Documents; excerpts from various chemical references; MSDS's; slides and tests. **NOTE: SFA Course Kits contain materials for a maximum of thirty (30) students !**

COURSE OUTLINE

<u>Time</u>	<u>Content</u>	<u>Notes</u>
:10	Introduction	
:30	Recognition & Identification of Hazardous Materials	
1:50	Basic Chemistry, Terms	
:20	Scene Management	
:15	Personal Protective Equipment	
:20	Decontamination Procedures	
:45	Medical Surveillance, Spill & Leak Control, Pre-Incident Planning	
1:00	Discussion Group, Exercise	
:20	Quiz	

(continued)

MINIMUM STANDARDS FOR ACCREDITATION

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Revision of 2/98

Page 2 of 2

Competency Evaluation Mechanism (Brief description-attach copy): Instructor evaluation of performance during exercise; Quiz

Course Objectives (specific): At the conclusion of the course the participant will:

1. define the duties, responsibilities, and limitations of the First Responder Operations Level as defined in CFR 1910.120 and appropriate State Statutes.
2. review the terminology and procedures used in identifying hazardous materials and their characteristics.
3. review the procedures used in containing a hazardous material spill or leak.
4. review the levels and selection criteria of various personal protective clothing as defined by the US EPA.
5. review the decontamination procedures necessary to protect personnel and equipment.
6. participate in a discussion type exercise involving the release of a hazardous material.
7. Successfully complete with a score of 70% on a 25 question quiz on the First Responder Operations Level.

**Questions/Comments: Rita Wessel, Curriculum Specialist: Extension 106
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