



Pennsylvania State Fire Academy

1150 Riverside Drive
Lewistown, PA 17044-1979

(717) 248 1115 In PA: 1 800 459 4096 FAX (717) 248 3580

Minimum Standard for Accreditation (MSA)

June 1997
Revised February 1998

Course Title: Hazardous Materials Awareness Level Annual Refresher Training (HMAR)

Length of Course: 1.5 Hours

Lecture/Lab Breakdown: 1.5/0

Prerequisites: RIHM or otherwise certifiable at the First Responder Awareness Level per OSHA

Course Goal: To provide refresher training at the First Responder Awareness 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 provide the student with a basic review of skills needed to identify hazardous materials problems, recognize the presence of hazardous materials, and identify hazardous materials and their associated dangers. This course will meet the requirements for annual review under 29 CFR 1910.120.

Description of Methodology to be used: (Brief) Lecture

Student Equipment/Supply Needs: Notebook; pencil/pen

Equipment/Audiovisual/Supply requirements: Classroom with proper seating; chalkboard or flip chart; 35mm carousel slide projector and suitable screen; SFA HMAR/OR Course Kit, which contains: DOT North American ERGs, slides, and course tests. At the instructor's discretion, the CMA Tape ("First on the Scene"), sample placards and labels, Chemtrec brochures, and other supplemental materials may be used if available. NOTE: SFA Course Kits contain materials for a maximum of thirty (30) students.

COURSE OUTLINE

<u>Time</u>	<u>Content</u>	<u>Notes</u>
5 min.	Definitions and Requirements	
5 min.	Hazardous Materials	
10 min.	Incident Outcomes	

(continued)

MINIMUM STANDARDS FOR ACCREDITATION

Awareness Level Annual Refresher Training (HMAR)

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COURSE OUTLINE (continued)

<u>Time</u>	<u>Content</u>	<u>Notes</u>
30 min.	Placarding System	
20 min.	North American Emergency Response Guidebook/ Other Information Sources	
5 min.	Other Indicators of Haz-Mat Presence/Initial Steps on the Scene	
15 min.	Summary and Quiz	

Competency Evaluation Mechanism (Brief description-attach copy): 10 question written test.

Course Objectives (specific): Upon completion of this course, the student will possess:

1. an understanding of what hazardous materials are, and the risks associated with them in an incident.
2. an understanding of the potential outcome associated with an emergency created when hazardous materials are present.
3. the ability to recognize hazardous materials in an emergency.
4. the ability to identify the hazardous materials if possible.
5. an understanding of the role of the first responder awareness individual in the employer's emergency response plan, including security and control and the use of North American Emergency Response Guidebook.
6. the ability to recognize the need for additional resources; and to make the appropriate notification to the communications center.