

	<b>Pennsylvania State Fire Academy</b>	
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<b>Minimum Standard for Accreditation (MSA)</b>		

Date: July 1, 2016  
Last Revision: -----, ----

**Course Title:** Hazardous Materials Awareness Refresher

**SFA Course Code:** HMARJB

**Course Length:** 2.0 Hours                      **Lecture/Lab Breakdown:** 1/1

**Prerequisites:** HMAJB or Delmar HMA

**Referenced Text(s):** *Jones and Bartlett: Hazardous Materials Awareness & Operations, First or Second Edition, DOT, Emergency Response Guide, Current Edition.*

**Course Goal:** The goal of the Hazardous Materials Awareness Refresher (HMARJB) course is to refresh student knowledge in hazardous materials responses in accordance with requirements of annual refresher training as identified by regulating agencies. This course will meet the requirement for annual review under 29 CFR 1910.120 and the educational requirements of NFPA 472 standard to the Awareness Level.

**Course Description:** The primary target audiences for this course are the First Responders who have successfully completed a Hazardous Materials Awareness course. Student will review the knowledge and skill requirements for effective scene and response management.

**Description of Methodology:** The methodology for this course consists of lecture, discussion and supervised practice using ERG and SDS exercise.

**Student Equipment & Supplies:** Pen/pencil & notebook.

**Instructor Requirements:** An accredited PA State Fire Academy Local Level Instructor with a background in hazardous materials with IFSAC or Pro-Board Hazardous Material Operations Awareness level certification or higher.

**Equipment/Audiovisual/Facility/Supply Requirements:**

1. Classroom with usual amenities; computer and computer projection equipment with screen/monitor; Audio Visuals for the course.
2. Instructor Guide and PowerPoint Presentation (J&B and GHS)
3. Current Edition ERG Books (per student)
4. Safety Data Sheets (one per every two students)
5. 1 Skill Sheet – Hazardous Materials Identification for ERG

**Special Notes & Conditions:** Maximum enrollment is 30 students. Minimum age is 14 years for the Hazardous Materials Awareness Refresher Course. The Instructor will be granted a great deal of leeway in leading the student through this learning experience. The Instructor should select specific discussion points and utilizing various reference sources (ERG, SDS, etc.) have the student complete the skill sheet using a hazardous materials/WMD scenario.

**Course Outline**

<b><u>Elapsed Time</u></b>	<b><u>Topic</u></b>
0.50	Introduction and Hazardous Materials Overview
1.00	ERG and SDS Exercise
0.50	Summary Review and Evaluation
<b>2.00 Hours</b>	<b>Total Time</b>

**Competency Evaluation Mechanism:** 100% Class Attendance. Student performance on practical skill evolutions.

**Learning Outcomes (Behavioral Objectives):**

- The student will recognize hazardous materials in an emergency.
- The student will identify the hazardous materials when possible.
- The student will identify the role of the first responder at the awareness level.
- The student will demonstrate the use of the North American Emergency Response Guidebook/SDS.
- The student will identify the need for additional resources and to make the appropriate notification to the communications center.

**Questions/Comments:**

**Please contact the State Fire Academy Assistant Administrator**