



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)

July 1992

Course Title: Hazardous Materials Pesticide Challenge (NFA) (HMPC)

Length of Course: 16 Hours

Lecture/Lab Breakdown: 12/4

Prerequisites: None

Referenced Texts: Instructor Guide and Student Manual for the Course in question.

Course Goal: This course will provide local fire personnel with the knowledge to handle a pesticide fire or spill safely.

Description of Course: This course is designed for fire officers, training officers, fire fighters, and other response personnel, and provides information for the safe handling of pesticide incidents from product release to clean-up operations. Topics include: identification of pesticides, exposure hazards, information resources, pre-planning, strategy/tactics and safety.

Description of Methodology to be used: (Brief) A combination of lecture, discussion, case history studies, and simulation exercises are used.

Student Equipment/Supply Needs: Pen/Pencil, Notebook, Student Manual for the course in question.

Equipment/Audiovisual/Supply requirements: Classroom with adequate seating; chalkboard or flip charts; slide projector with synchronized tape player; OHT projector (optional), adequate screen; 1 copy Student Manual per each student; HMPC AV kit.

COURSE OUTLINE **(General - Not Detailed)**

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
1:45	Introduction and Pretest	
1:30	Hazard Recognition and Label Information	
1:30	Signs, Symptoms, and First Aid	
1:30	Information Resources and Other Help	
1:30	Environmental Effects	
1:30	Command Post Operations	
continued		
Minimum Standards for Accreditation		

COURSE OUTLINE continued
(General - Not Detailed)

<u>Time</u>	<u>Content</u>	<u>Instructor Notes</u>
1:30	Spill Control	
2:00	Fire Control Tactics	
1:30	Post-Incident Operations	
1:45	Pre-Emergency Planning and Post-Test	

Competency Evaluation Mechanism (Brief description-attach copy): 50 question written test supplied with Instructors Guide

Course Objectives (specific): The student will:

1. Recognize hazardous pesticides and know how to read labels for necessary information.
2. Know the signs and symptoms of pesticide poisoning and first aid measures for specific cases.
3. Be aware of the information resource networks available.
4. Learn methods to prevent air, soil, and water pollution resulting from pesticide fires or spills.
5. Know how to locate staff, and operate a command post for a pesticide fire or spill.
6. Learn procedures for protecting emergency service personnel and civilians during a spill and/or fire.
7. Know how to properly handle a variety of pesticide fires.
8. Learn decontamination procedures for post-incident operations as well as transportation of contaminated materials.
9. Know how to develop pre-emergency plans for pesticide fires and spills.

**Questions/Comments: Contact Rita Wessel, Curriculum Specialists: Extension 106
rwessel@state.pa.us**