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
Revised 1/06

Course Title: Fire Attack in Sprinklered Properties (FMSP)

Length of Course: 6 Hours **Lecture/Lab Breakdown**: 6/0

Prerequisites: ELIS

Referenced Texts: The Handbook of Property Conservation (P7314), Factory Mutual Engineering; Fire Protection Handbook, National Fire Protection Association; NFPA Standard 13E, "Recommendations for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems," NFPA; The NFPA Inspection Manual, NFPA; Essentials of Fire Fighting, International Fire Service Training Assoc.

Course Goal: This course will provide fire fighters with an understanding of why sprinklered properties burn and how to improve the fire department's role in preventing such unnecessary losses.

Description of Course: This course gives an overview of how sprinkler systems are designed and constructed, why some large loss fires occur in spite of the presence of sprinklers, and how the fire department can minimize the change of such an occurrence.

Description of Methodology to be used: Combination of lecture and guided discussion.

Student Equipment/Supply Needs: Notebook, pen or pencil.

Equipment/Audiovisual/Supply requirements: Chalkboard or flip chart, 35mm projector with screen, VCR with monitor(s), one copy per student of the following documents: Factory Mutual Student Outline; Factory Mutual Pamphlets "Fighting Fire in Sprinklered Buildings (P8708); "Pre Fire Planning - The Rewards Are Mutual (P8902); and "A Pocket Guide to Automatic Sprinklers (P8807).

COURSE OUTLINE

Time	Content	Notes
1:00	UNIT I: Why Sprinklered Buildings Burn	
3:15	UNIT II: Automatic Sprinkler Systems	
1:30	UNIT III: Prefire Planning	
:15	Conclusion	

continued

Competency Evaluation Mechanism : Instructor assessment of student responses during periodic questioning

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

1. Identify factors resulting in excessive fire damage to sprinklered buildings.
2. Describe the importance of sprinkler systems.
3. Recognize and describe components of an automatic sprinkler system.
4. Describe how automatic sprinkler systems operate.
5. Evaluate fire protection features of a facility to develop a prefire plan.

Questions/Comments: Contact the Curriculum Specialist