Fire Service Training Update

Gary Keith, Vice President
Engineering Standards Manager
FM Global

- Mutual Property Insurance Company – 1835
- 250 Standards
- Technically-Based:
  - Research
  - Engineering Standards
  - FM Approvals
Agenda

- Fire Service Training & Outreach
  - Fighting Fire in Sprinklered Buildings (update)
  - Fire Service Training Grants (*new since we last met*)
Objective
The program is intended to improve the effectiveness of firefighters responding to incidents in sprinklered buildings.
Purpose

Automatic sprinklers are an important line of defense when fighting a fire. Yet, sprinklers are sometimes not able to successfully control or contain a fire.

The purpose of the *Fighting Fire in Sprinklered Buildings* program is to provide firefighters with a greater understanding of why these incidents occur and how to help prevent them. Understanding how automatic sprinklers work and how to develop a sound pre-incident plan will improve the effectiveness of fireground operations.
“What could be the most challenging warehouse fire?”
Warehouse Fires & Pre-Fire Planning

- “The Controlled Fire”
  - Sprinklers working effectively
  - Reduced visibility
  - Difficult to ventilate
  - Warehouse layout & difficult interior operations
  - Exact location of the seat of the fire
  - Coordinating sprinkler operation with manual suppression
Our Plan

- Revise and update current content
- Develop more robust Pre-Incident Planning module
- Include case studies
- On-line delivery
- Update photos & graphics
- Add future modules to build on FFSB
Initial Delivery

1. Why sprinklered buildings burn?
2. Automatic sprinkler systems (Fire Pumps & Valves)
3. Developing a pre-incident plan for a protected property
4. First due operations at sprinklered properties
Phase 2
5. Case studies – success and failure
6. Post-incident operations in sprinklered facilities
7. Command considerations at sprinklered buildings
8. Advanced pre-incident planning for senior fire officers
Phase 2

9. FD operations at fires involving multiple companies
10. Safety considerations at sprinklered buildings
11. Investigation of incidents at sprinklered properties
12. Sketch drawing for pre-incident plans
13. Wearing two hats: pre-incident planning vs. code enforcement
Pre-Incident Planning

- Activity available now: [www.fmglobal.com/fireservice](http://www.fmglobal.com/fireservice)
- Pre-Incident Plan Checklist and Worksheet
Warehouse Fires & Pre-Fire Planning

- NFPA 1620
  - Standard for Pre-Incident Planning
Warehouse Fires & Pre-Fire Planning

- FM Global Data Sheet 10-1 – Pre-Incident Planning with the Public Fire Service
Launch Plan

- On-line delivery
- Targeted audience:
  - State & Metro Fire Academies
  - National Fire Service Conferences
  - Clients
- Continue to add modules to keep content fresh
Timeline
- Script and Content Developed
- Filming Q3/Q4 – 2017
- Initial Release Q1 – 2018
- Metro Fire Chiefs Conference – May 8, 2018

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New for 2017

- FM Global Emergency Response Consultants – Rome, Georgia
- 3-day training session
- All expenses paid
Training Agenda

- Interior structural firefighting techniques for industrial occupancies
- Ignitable liquids/gases firefighting & protecting the exposures
- Fire protection systems
- Pre-Incident Planning
- Fighting Fire in Sprinklered Buildings
Metro Training Attendees:

- Charlotte Fire Dept
- Chesterfield Fire and EMS
- Columbus Division of Fire
- Dallas Fire Rescue
- Greensboro Fire Department
- Houston Fire Department
- Indianapolis Fire Department
- Long Beach Fire Department
- Louisville Fire Department
- Memphis Fire Department
- Mississauga Fire & Emergency Services
- San Antonio Fire Department
- Winnipeg Fire Paramedic Service