

## Jack Poole, PE, FSFPE Graduate from Univ. of MD., BS in FPE (1986) Poole Fire Protection – Est. in 1991 Licensed FPE in 49 States and 3 Territories Past Chair of OSU FPSET Industrial Advisory Board Member of NFPA Standards Council SFPE Fellow and Immediate Past President Recipient of UMD Glenn L. Martin Medal Chair of NFPA 72 SIG-PRO and NFPA 520 Tech. Comm. Member of multiple other NFPA TC's 35 Years of Fire Protection Engineering Experience

2

## What kind of systems and equipment are we talking about?

- Two Categories
  - Fire Protection
    - Detection, Alarm, Sprinklers, Portable Extinguishers
    - Fire Doors, Special Hazard Systems (CO<sub>2</sub>, Halon), etc.
  - Life Safety
    - Alarm and Evacuation Systems, Emergency Exits, Emergency Lighting, Smoke Control Systems, etc.

3

## Why its important

- Regulatory requirements "The code says ..."NFPA 72, ... IFC ... OSHA
- More importantly the right thing to do!
  - Like health insurance hope you never need it,
     ... but had better work when you need it!

## Why Now?

- Night club tragedies on east coast
- Nursing home and apartment fires
- World events ... terrorism



4





6



Test"- Physical checks ... procedures to determine (operational) status ... to follow up on original acceptance ... "Hands 0n"

> Functional ... "ring the bells" ...

> May involve temporary impairment

> Notification of owner and FD





10





12





14





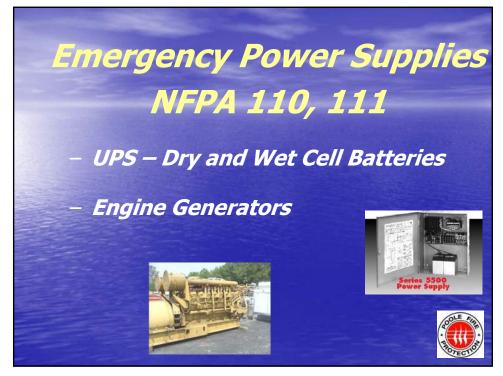
16





18





20





22





24





26





28





30



Fire Alarm & Detection
Systems

Reacceptance

Reacceptance testing is performed to verify the proper operation of added or replaced devices, appliances, fire safety control function devices, control equipment, etc.

It is not the intent to unduly burden the owner with increased costs for repeated testing of devices not directly affected by the replacement of devices with like devices.



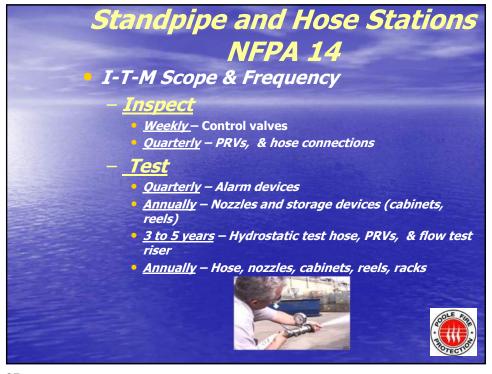


34





36





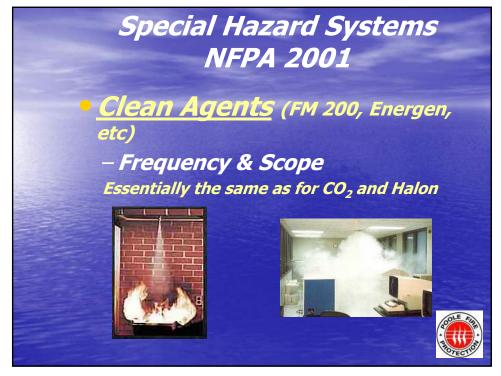
38



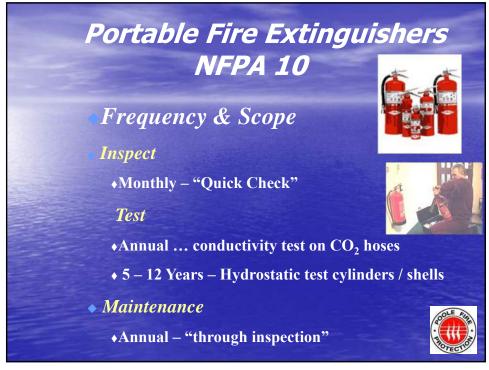


40



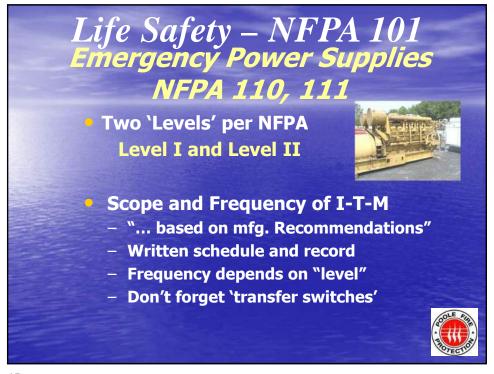


42





44



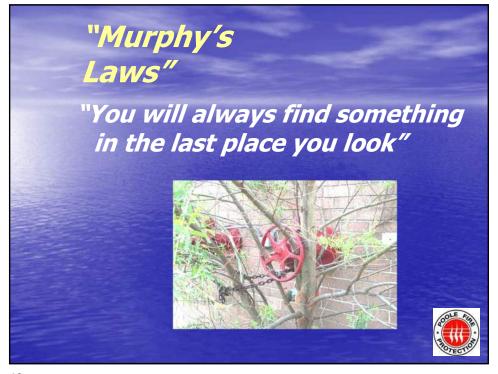


46





48





50