

# **Homeland Security – Innovation, Collaboration, Standardization**

---

## **Codes & Standards for Emergency Preparedness and Response**

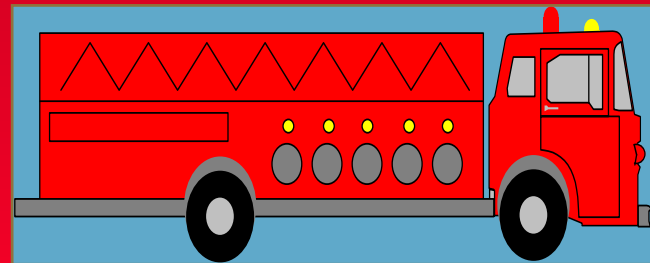
**Arthur E. Cote, PE**

**NFPA**

# Standards For First Responders

---

- ◆ **First responders need standards on all aspects of homeland security**
- ◆ **The U.S. private-sector standards development community has been developing codes and standards relating to homeland security for quite sometime**



# Safety vs Security Challenge

- ◆ **There can be a direct conflict between safety vs security goals**
- ◆ **Any change in one generally has a direct impact on the other**
- ◆ **Restricting external building access for security can compromise first responders needed access for emergency response and rescue**
- ◆ **A balance needs to be achieved**



# Standards for Emergency Management

---

- ◆ **Disaster/emergency management and business continuity programs (NFPA 1600) NFPA/FEMA/NEMA/IAEM**
- ◆ **Emergency Services Incident Management System (NFPA 1561)**
- ◆ **Health Care Facilities (Health Care Emergency Management) NFPA 99 (Chapter 12)**



# Standards For Emergency Response

---

- ◆ **Responding to Hazardous Materials Incidents (NFPA 471)**
- ◆ **Protective Ensembles for Chemical/Biological Terrorism Incidents (NFPA 1994)**
- ◆ **Operations and Training for Technical Rescue Incidents (NFPA 1670)**
  - **Structural Collapse/Rope Rescue/Confined Space/Vehicle and Machinery/Water/ Wilderness Search and Rescue/Trench and Excavation**



# Coordination of Standards for Homeland Security

---

- ◆ **IAB (Inter-Agency Board) (Federal and State Emergency, 1<sup>st</sup> Responders Organization) – Standardization and Equipment Compatibility for the Threat of Weapons of Mass Destruction**
- ◆ **IAB – SCC (Standards Coordination Committee) Coordinating the CBRNE (Chemical/Biological/Radiological/Nuclear/Explosive) Equipment Standards Projects of IAB**

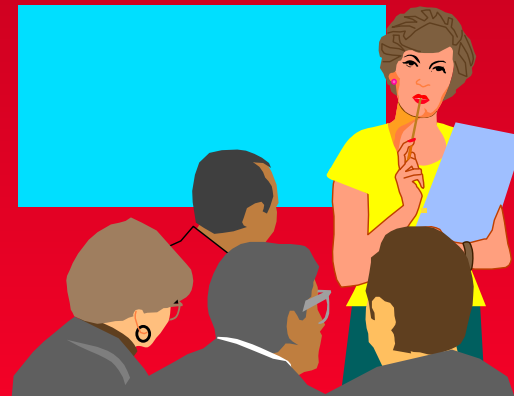


# Coordination of Standards for Homeland Security (Cont'd)

---

## ◆ IAB – SCC Members

- DOE
- DHS
- EPA
- FEMA
- NFPA
- NIOSH
- NIJ
- OSHA
- OLES
- NIST



# **Homeland Security – Innovation, Collaboration, Standardization**

---

## **Codes & Standards for Emergency Preparedness and Response**

**Arthur E. Cote, PE**

**NFPA**