

HAZ MAT Seminar Series

Explosives



Wednesday, February 18, 2009

**Haz-Mat Week
Is Back!**

**October
19th - 24th
2009**



Presented by: Shawn S. Kelley - Assistant Chief (Retired) - Hazardous Devices Technician

Shawn Kelley is a retired Assistant Chief/Chief Fire Marshal with the Arlington County Fire Department in Arlington, Virginia. He has more than 27 years in public safety service, both as a career and volunteer firefighter. He currently works as a Director for two divisions of the International Association of Fire Chiefs (IAFC) and is a lead instructor for New Mexico Tech University. He travels to New Mexico Tech to teach resident programs and travels throughout the United States providing awareness level training in explosives and safe response operations.

Chief Kelley has held many assignments and certifications during his career. He was an FBI certified Hazardous Devices Technician and commander of the department's bomb squad, and received additional training from the BAFTE and specialized training in response and mitigation of WMD incidents from the FBI and USMC. He was also a certified instructor for the Commonwealth of Virginia, Hazardous Materials Technician, and a Nationally Registered EMT-Paramedic.

As the Chief Fire Marshal, Mr. Kelley was responsible for all fire, explosive, environmental crimes, code enforcement and the Internal Affairs Division investigations. He was the County's first certified fire protection specialist and certified fire and explosives investigator. Chief Kelley has been involved in the Emergency Management planning for disasters and special events for Arlington County and the Washington DC area for most of his career. As one of the key incident commanders when a plane struck the Pentagon on 9-11-2001, Chief Kelley has educated public and private officials at more than 100 conferences nationally and internationally regarding the attack and how recent facility upgrades performed.

This one day program is designed to educate first responders on recognition and safe response operations where hazardous materials are being used as or with explosives.

This 8 hour day will cover the following topics:

- The Terrorist Threat
- Definitions and laws
- Chemistry of Improvised Explosives
- Recognition of household materials being used as explosives
- Recognition of Improvised Explosive Devices and dispersal devices
- Improvised initiators
- Fertilized based explosives
- Response to pre-detonation events
- Response to post-detonation events
- Case studies and practical exercises.

**Course #09224, Course Fee \$50,
All classes held at the Connecticut Fire Academy**

All Seminar Series presentations are scheduled from 8:30 am until 4:30 pm. Lunch is included. Acceptance confirmation notices with directions will be mailed approximately two weeks prior to the start of the program. Students canceling seven days in advance will receive a full refund. Application forms can be duplicated or downloaded at ct.gov/cfpc and returned via fax or mail with payment. Additional questions can be directed to Program Manager Eric Munsell, phone 877-528-3473 ext 260 or email eric.munsell@po.state.ct.us

**STATE OF CONNECTICUT
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CONNECTICUT FIRE ACADEMY**

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