



INTERNATIONAL ASSOCIATION OF FIRE FIGHTERS HazMat/WMD Training Department



Training Resources Available

HazMat First Responder Operations 2005 Edition (24 hours)

This operations-level course provides the tools needed to protect responder health and safety, while covering basic defensive actions, personal protective equipment, hazard recognition and identification, pre-incident planning and scene management. This course is facilitated through small group activities and real-life case studies. Meets or exceeds OSHA (29 CFR 1910.120) and NFPA Standards (472).

HazMat Technician (80 hours)

This specialized training utilizes a modular format where a fire department may analyze its current level of competency and choose course modules that will provide the skills needed by its hazardous materials team. Training includes offensive procedures for mitigation of hazardous materials spills, leaks and exposures. Topics include chemistry, detection devices, advanced recognition and identification, pre-incident planning, incident management, scene evaluation and termination, terrorism, toxicology, medical surveillance, emergency care, PPE usage and limitations, and decontamination.

Emergency Response to Terrorism: Operations (HazMat Refresher) (16 hours)

This course takes a risk-based personal scene safety and health approach to incidents of terrorism involving chemical and biological agents, nuclear, radioactive and explosive devices; and their impact on first responders. This course encourages student participation through a variety of team activities, class discussions, case studies and workbook tasks, as well as a practical exercise. This interactive, problem-solving approach to adult learning encourages critical thinking. In addition, the course incorporates Operation-level hazmat refresher information throughout each unit, reinforcing basic response protocols.

Confined Space Operations (24 hours)

This level of training focuses on defensive support procedures for fire fighters and emergency responders. Topics include confined space regulations, pre-incident planning, potential hazards, ventilation procedures, PPE, monitoring and detection devices and emergency trench operations. Meets or exceeds OSHA (29 CFR 1910.120) for operational and trench support duties.

Confined Space Rescue (40 hours)

This training includes the information contained in the operations-level training, and expands to include offensive procedures. Topics include confined space regulations and standards, responder health and safety, PPE, monitoring and detection devices, ventilation techniques, patient care and transport, retrieval systems and specialized trench rescue procedures. Meets or exceeds OSHA (29 CFR 1910.120) for entry and trench rescue duties.

Frontline Safety (16 hours)

In this course, the IAFF gives students the opportunity to examine their own values, those of their work team, and those of their organization when it comes to safety. Students learn about the National Fire Fighter Near-Miss Reporting System and the National Institute for Occupational Safety and Health's Fire Fighter Fatality Investigation and Prevention Program, which provide information about the causes of fire fighter injuries and fatalities. Students also learn strategies they can use to demonstrate safety is their primary value. The purpose of the course is to help decrease the number of injuries and deaths experienced by the fire service by helping students become safety leaders or advocates for safe behavior.

Illicit Drug Labs - A Safe Response for Public Safety Personnel (8 hours)

This course addresses the training needs caused by the proliferation of illegal labs across the United States. The program focuses on maintaining the health and safety of fire fighters and first responders during illegal lab responses. This eight-hour course is geared toward the responders closest to the incident. Topics include recognizing and identifying illegal drug lab hazards, exposure, PPE, the role of the fire department and scene management.

Infectious Diseases (8 hours)

This course provides specific instruction in the chain of infection, laws and standards and the personal protective measures available to emergency responders for the prevention of airborne and blood borne pathogens.

Instructor Training (Train the Trainer) (8-40 hours)

The IAFF has an eight-hour adult educational methodology course that teaches adult learning principles and facilitation skills. The adult educational methodology is delivered on the first day of the Train-the-Trainer program, followed by an overview, from an instructor's point of view, of one or more of the IAFF's training courses. The Train-the-Trainer allows instructors multiple opportunities to practice presentations and small group activities, and receive critiques/analyses of their deliveries. Instructors will be provided with the tools they need to effectively deliver training for fire fighters and other emergency responders who must operate in a team-based response environment.

IN DEVELOPMENT

Chemical Process Industry (8 hours)

The IAFF will develop, deliver and evaluate an eight-hour, instructor-led *Chemical Process Industry (CPI)* training program intended for emergency personnel who may respond to incidents at chemical plants, ethanol plants, refineries and anhydrous ammonia facilities. This course analyzes catastrophic incidents in the chemical process industry and the special problems these incidents present for emergency response personnel. Detailed case studies provide examples of the types of catastrophic incidents that can occur in chemical plants, why they happen, and how they differ from ordinary fire and hazardous materials incidents. **Scheduled for completion Spring 2009.**

Online Learning Available - Mini-Drills

Mini-Drill # 001 - Vapor Cloud Present - On April 9th, 2001, shortly before 0400 hours, fire fighters are alerted to a vapor cloud in the area of a large agricultural service company. As the first units approach the area, they confirm the presence of a mist or cloud.

Mini-Drill # 002 - Injured Person on Loading Dock - A 911 call is received at 0645 hours for a report of a person down on the rear loading dock of a plastics manufacturing facility. The normal EMS dispatch for a person down is alerted. Upon further questioning of the caller, and the location of the incident, it is possible that the person may be down from something other than medical issues.

Mini-Drill # 003 - Dumpster Fire in a Residential Area - This drill starts with a 911 call that is received at 1100 hours reporting a dumpster fire in an apartment complex. The normal assignment is alerted. As the first unit approaches the scene, they confirm a dumpster, well-involved, with a heavy smoke condition at the end of an outside parking area.

For more Mini-Drills/Exercises, go to www.iaff.org/education

HOW TO REQUEST TRAINING

In order to request training, please provide a request letter signed by an IAFF local president and fire chief. This letter should include a brief explanation of your training needs, a general timeline for delivery, the number of students and a point of contact for course logistics, such as the training officer. Please mail, fax or email (hazmat@iaff.org) your request to:

General President Harold A. Schaitberger
International Association of Fire Fighters
1750 New York Avenue, N.W.
Washington, D.C. 20006
Fax# 202-637-0839

All training and resources funded by:



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To assist departments in building a self-sufficient training program, the IAFF provides train-the-trainer programs for all curricula. Students who successfully complete a train-the-trainer program are authorized to make use of these IAFF training materials to train others, in accordance with local, state or provincial laws, regulations or policies for training programs.

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Delivery of this program is free of charge by the IAFF, as federal funding permits. For information in obtaining delivery of this program by the IAFF, please contact the Hazardous Materials/Weapons of Mass Destruction Training Department at hazmat@iaff.org or 202-737-8484.