

"Training tools for an increasingly complex and dangerous job"



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"Detecting Weapons of Mass Destruction"

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About monitoring & sampling

When responding to potential acts of terrorism, one of the most difficult problems facing responders is determining the nature of the incident and type of weapon used. Monitoring and sampling activities help to answer these critical questions. These activities also aid in evaluating the credibility of the threat, and in making decisions about responder safety, protective actions, establishing control zones, decontamination, and evidence collection.

About the program

Detecting Weapons of Mass Destruction discusses the most up to date equipment and technologies used in WMD sampling and monitoring. It is designed for special operations units such as hazmat teams, bomb squads, tactical units, National Guard troops, and others who may need to carry out monitoring and sampling activities at a suspected WMD incident.

Stressing safety, the program describes the complexities of detecting for weapons of mass destruction. It explains detection priorities and the technologies used to monitor for radiation, explosives, chemical weapons and biological weapons. The advantages and limitations of each type of technology is discussed. The focus is on equipment used as part of initial emergency response operations, rather than laboratory instruments or resources that may be prepositioned for an event. The program tells

how to avoid false positives, and how to document findings.

Among the technologies examined are dosimeters, radiation pagers, contamination survey instruments, bomb dogs, ion mobility spectrometry, mass spectrometry, high speed chromatography, M8 and M9 paper, the M256A1 wet chemistry kit, Hazmat Smart Strips, flame spectroscopy, Surface Acoustic Wave Chemical Agent Detectors, detector tubes, gas chromatography, combustible gas indicators, biological sampling kits, polymerase chain reaction, infrared spectroscopy, and stand-off monitoring systems.

Detecting Weapons of Mass Destruction was filmed in Massachusetts with the assistance of major instrument manufacturers and with the Cambridge and Bourne Fire Depts. Printed reference material accompanies the package.

About the technical committee

Emergency Film Group programs are created with the assistance of leaders in emergency response training. Technical committee members for *Detecting Weapons of Mass Destruction* include the following authorities:

Armando Bevelacqua is a District Chief with the Orlando Fire Department. He is an adjunct instructor for the International Association of Fire Fighters and National Fire Academy and is involved with hazmat education at local and national levels. He is the author of many texts, including *A Citizens Guide to Terrorism Preparedness & Hazardous Materials Chemistry*.

Frank Docimo, President of Docimo Associates and HazMat Officer for the Turn of River Fire Dept. in Stamford, CT. Frank is widely recognized as one of the foremost hazmat response trainers in the country. He has lectured at many national conferences and conducts training for organizations like American Cyanamid, NASA and local, state and federal agencies.

Chris Hawley, Baltimore Cty. Fire Dept. (ret.) Before retirement, Chris served as a fire specialist and the Special Operations Coordinator. Currently he is the owner of FBN Training & Consulting. He co-authored *Special Operations: Response to Terrorism and HazMat Crimes* and authored *Hazardous Materials Air Monitoring & Detection Devices*.

Carol Maslansky, Ph.D., board-certified toxicologist. Dr. Maslansky is a principal of GeoEnvironmental Consultants, Inc. and is responsible for health, safety and air monitoring at hazmat site investigations.

Steve Maslansky, principal in GeoEnvironmental Consultants, Inc., specializes in emergency investigatory and remedial response at hazardous materials sites. He conducts training worldwide for the US Department of Defense, Environmental Protection Agency, fire departments and industry and is a member of FEMA/DOT hazmat curriculum committees.

Greg Noll, principal in the hazardous materials consulting firm Hildebrand & Noll Associates and a member of the NFPA Technical Committee on Hazardous Materials Response.

About the filmmakers

Gordon Massingham, director. Principal creative person behind some 150 emergency response training films and videos.

Michael Cataldo, Line Producer, an art director, producer, assistant director, set designer and prop and special effects creator.

About the Emergency Film Group

Emergency Film Group, a division of the Detrick Lawrence Corp., was established to distribute quality training films for emergency response and right to know education. Firmly committed to accuracy, EFG uses the best qualified advisors and production crews to ensure that programs are not only exciting to watch, but are also accurate in every detail.

EFG's worldwide list of customers range from the largest petrochemical companies, to government agencies, to small town fire departments. Every film comes with EFG's 30-day money-back guarantee if the customer is not 100% satisfied.

For a free color catalog describing all programs available from the Emergency Film Group, please call the toll-free number below.

Program descriptions available on-line at
<http://www.efilmgroup.com>

Prices for "Detecting Weapons of Mass Destruction" (Video/DVD plus Guide)

VHS purchase-\$450 DVD purchase-\$450

10-day rental - \$150

5-day preview (for evaluation only) - \$20

See purchase, rental & preview information/terms at
<http://www.efilmgroup.com/TermsAndConditions.html>
All prices in US currency. Shipping & handling extra
unless order is prepaid (US only)

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