

"Training tools for an increasingly complex and dangerous job"



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HazMat OPERATIONS

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About Operations Level training

OSHA's Hazwoper rule (CFR1910.120) establishes five training levels for responders to hazardous materials incidents. The emergency responder at the operations level is trained to respond defensively, protecting exposures and preventing the incident from worsening, while not actually taking steps to stop the release. Priorities include:

- Responding to the emergency
- Assessing the nature of the incident
- Notifying other involved parties
- Requesting additional assistance when needed
- Implementing initial defensive actions

About the series

HazMat Operations is a five-title series of videos or DVDs with accompanying Leader's Guide intended to provide students with an eight-hour course of instruction in Operations Level response to hazardous materials incidents. The series is intended to help students achieve competency in the following areas:

- Gathering information about the incident and interpreting that information;
- Understanding of hazardous materials

containers;

- Basic hazard and risk assessment techniques;
- Analyzing a hazmat incident to determine the magnitude of the problem and estimating the potential harm posed by the incident;
- Planning an initial response to an incident within the capabilities and competencies of available personnel & equipment;
- Implementing the response plan by controlling the scene, initiating an incident management system, using appropriate PPE, and performing defensive actions;
- Selecting and using proper personal protective equipment;
- Performing basic control, containment and/or confinement operations;
- Evaluating the progress of the actions taken to ensure that the response objectives are being met safely, effectively and efficiently.
- Implementing basic decontamination procedures;

About the programs

Program 1 - Reconnaissance Sizing up the incident to determine if hazardous materials are involved; determining the type and quantity of materials involved.; evaluating the condition of the containers; assessing conditions at the site, including

exposures, topography & weather, and gather information using witnesses, markings and labels, the DOT Guidebook, and other sources.

Program 2 - Hazmat Containers Teaches first responders to identify all container shapes and the typical products held within them, and understand their hazard class; examines containers used in bulk transportation, including tank cars, intermodal tank containers, pressure intermodal tank containers, cargo tanks, & pipelines; bulk containers used for storage; and non-bulk packages found in transportation or storage.

Program 3 - Forecasting Events Examines how hazardous materials and containers behave under adverse conditions so that responders can forecast and influence the sequence of events to lead to a safe and successful termination of the hazmat incident; studies different types of container stress and breaches and various dispersion patterns; discusses the importance of physical properties of chemicals relative to container failure.

Program 4 - Organizing the Response Covers establishing command, setting up the command post, determining objectives, identifying defensive options, selecting appropriate personal protective equipment, establishing and enforcing scene control



Series price for
"HazMat Operations"
(5 DVDs or VHS plus
Leader's Guide)

DVD - \$1,295 VHS - \$1,295
Rental - \$195 Preview - \$50

Individual titles:

DVD - \$275 ea. VHS - \$275 ea.
Rental - \$150 ea. Preview - \$50 ea.

All prices in US currency. Shipping & handling extra unless order is prepaid (US only)

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procedures, decontamination, the safety briefing held prior to entry into the Hot Zone, and preserving evidence at suspected crime sites.

Program 5 - Tactics Examines various defensive actions to control and confine the release; use of foam, vapor suppression agents, and performance of other defensive actions; search & rescue; protective actions; evaluating risk in search and rescue missions; methods for controlling the spread of contamination to limit impacts of radioactive materials evaluating the progress of the mission; communication; termination activities.

About the technical committee

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

Rick Emery, Emery & Associates, Inc. Richard served over 23 years in the fire service as Training Officer, Hazardous Materials Officer and Acting Fire Chief. Currently he delivers specialized training to municipal and industrial clients. He is a member of NFPA's Committee on Hazardous Materials Response.

John Eversole, Chicago Fire Dept. (ret.) Former District Chief of Special Functions. Currently Chief Eversole serves as Chair of the Hazardous Materials Committee of the International Association of Fire Chiefs. He has played a major role in helping to shape legislation impacting the fire service, particularly in the areas of hazardous materials, firefighter safety and terrorism.

Rem Gaade, Gaade & Associates Former Chief of Hazardous Materials and Special Operations, Fire Fighting Division of the Toronto Fire Department. Rem has 35 years of fire service experience. He was chairman of the Canadian Association of Fire Chiefs' HazMat committee for eight years.

Jerry Grey, Capt., San Francisco FD, (ret.) Head of the SFFD's HazMat Team; President of HazTech Systems which produces the HazCat Chemical Identification Kit. Vice Chair-man of the NFPA Technical Committee on HazMat



Response Personnel.

Chris Herman, BP North America, Chris is an emergency response specialist with BP Oil Co's Toledo, OH refinery. He is core lead instructor for BP's worldwide fire and emergency training programs and has been a fire service instructor for over 20 years.

Greg Noll, Hildebrand & Noll, a consulting firm specializing in hazardous materials and terrorism emergency planning and response; former Hazmat Officer with the Prince George's County Fire Department; co-author of *Hazardous Materials Managing the Incident*, the widely read standard on the hazmat response; a member of the NFPA Committee of Hazardous Materials Response.

About the filmmakers

Gordon Massingham, director. Principal creative person behind some 150 emergency response training films and videos. Winner of the IAFC 2004 Lifetime Achievement award for service to the hazardous materials response community.

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 pro-

grams 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>

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