

"Training tools for an increasingly complex and dangerous job"



www.efilmgroup.com



The 8-Step Process, Version 2.0 © 2005



- Updated in 2005 with information on NIMS, WMD and terrorism response, as well as the latest in protective clothing and equipment. New exciting graphics and animation!
- Based on the best-selling manual, *Hazardous Materials: Managing the Incident*, by Hildebrand & Noll
- Available in DVD or VHS!

About the series

In 1982, Mike Hildebrand, Greg Noll and Jimmy Yvorra first introduced the concept of the 8-Step Process[®] for managing hazmat incidents when their highly-regarded manual, *Hazardous Materials: Managing the Incident* was published. The book is in wide use by fire fighters, hazmat teams, bomb squads, industrial emergency response teams and other emergency responders who may deal with unplanned hazardous materials incidents.

Due to changing government regulations and consensus standards, as well as the need for terrorism response training, the authors have modify and refined this process and have published a third edition of their popular manual. Hildebrand and Noll have teamed up with Emergency Film Group to illustrate the ideas behind the 8-Step Process in a series of videos/DVDs intended to accompany their book. This series, which provides nearly three hours of training, is useful for helping to satisfy the training requirements of

OSHA's Hazwoper rule as well as NFPA 471 and NFPA 472.

About "Site Management & Control"

Program One in the series, "Site Management & Control," discusses pre-planning to set up a systematic, coordinated approach to a hazmat accident, which may involve a variety of public and private agencies. It covers procedures for establishing command, guidelines for safe approach and positioning at a hazmat incident, establishing the perimeter and hazard control zones, and procedures for carrying out protective actions. The importance of setting up effective command is stressed. 18 min.

About "Identifying the Problem"

The second program in the series covers the importance of recognizing, identifying and verifying the hazardous material or materials involved in the incident. The video shows how to recognize the presence of hazmats, and, if the material cannot be identified specifically, how to determine the general hazard class or chemical family of the material. Specific information needed to identify the problem is listed. The program also discusses the basic design and construction features of hazardous materials containers. DOT hazard classes and placarding are explained, as is NFPA's

Standard System for the Identification of Materials for Emergency Response. 19 min.

About "Hazard and Risk Evaluation"

In Program 3, responders learn how to determine response objectives, sources for hazard information, and how to evaluate risks.

**Narrated by
Greg Noll &
Mike Hildebrand**

**Price for "Hazardous Materials:
Managing the Incident"
(8 videos or DVDs)**

VHS-\$1,595 DVD-\$1,595

*Titles are available separately for
purchase at \$275 ea. VHS or \$275 ea. DVD*
Rental(8 titles)-\$395 Preview (ea. title)-\$20
**All prices in US currency. Shipping & handling
extra unless order is prepaid**

The importance of maintaining an attitude of safety and responsibility is stressed. Risk factors - those factors that influence the level of risk at an incident - are outlined and air monitoring instruments are studied. A basic understanding of how hazmats and their containers behave is provided through Ludwig Benner's General Hazardous Materials Behavior Model (GEMBO). 25 min.

About "Protective Clothing & Equipment"

This program covers the different types of protective clothing and equipment, as well as the advantages and disadvantages of each type. The difference between structural fire-fighting clothing and chemical protective clothing is explained. Respiratory protection, including self-contained breathing apparatus (SCBA) and SAR (supplied air respirators) is studied. NFPA standards that mandate the quality that protective clothing must meet are examined and EPA levels of protection are listed. The viewer is warned about the dangers of degradation, penetration and permeation. 22 min.

About "Information Management & Resource Coordination"

The fifth program in the series examines the types of information needed to manage a hazmat incident safely, how to evaluate that information, and how to coordinate multiple resource groups at a hazmat incident. The importance of controlling the flow of information and having effective leadership is emphasized. The Incident Management System is described and the various roles played in a response are explained. Efficient storage and recovery of information is also discussed. 22 min.

About "Implementing Response Objectives"

Program 6 explains how the incident commander implements the best available strategic goals and tactical objectives to produce the most favorable outcome to the incident. The differences between tactics and strategies are explained. Primary hazmat strategic goals are covered, including rescue, public protective actions, spill control, leak control, fire control, and transfer and recovery. Other topics covered include selecting goals; decision-making; and offensive vs.

For Information, Call 800 842-0999 www.efilmgroup.com FAX 508 627-8863
EMERGENCY FILM GROUP® • 140 Cooke St. • PO Box 1928 • Edgartown, MA 02539-1928

defensive mode. 25 min.

About "Decontamination"

Contamination is any form of hazardous material that physically remains on people, animals or objects and that poses a threat to life, health or the environment. This video tells how contamination occurs and discusses decontamination of persons and equipment after leaving the hot zone. All current methods of decontamination are covered, including dilution, absorption, adsorption, heating, freezing, blowing, vacuuming, degradation, neutralization, solidification, disinfection, and sterilization. Setting up the decon site and the responsibilities of the decon officer and the decon team are explained. Other topics covered include emergency decon, multiple station decon, medical emergencies, evaluating the effectiveness of decon operations, and clean-up. 24 min.

About "Terminating the Incident"

The transition phase between the end of the emergency and the start of restoration and recovery operations is the topic of the final program. It tells how to do a post-incident analysis, how to conduct a debriefing, and how to critique the response. It is important during this phase of the process to focus on lessons learned. 21 min.

A complete training package

In addition to the series, Emergency Film Group offers the following products to enhance the training experience:

"Hazardous Materials: Managing the Incident" textbook by Mike Hildebrand & Greg Noll. \$40; *"Instructor's Program"* on CD-Rom, \$50; *"Student Workbook" 3rd ed.*, by Joanne Hildebrand. \$20; *Field Operations Guide* by Toby Bevelacqua - \$28.

About the technical committee

Emergency Film group programs are created with the assistance of leaders in emergency response training. Technical committee members for this series include the following authorities:

Mike Hildebrand, principal in Hildebrand & Noll Associates, a hazardous materials consulting firm. Mike was formerly Director of Safety and Fire Protection for the American Petroleum Institute and was a member of the NFPA Standards Council. He also served as a Team Leader on the Prince George's Cty (MD) HazMat Team. He is the writer of numerous articles and texts.

Greg Noll, principal in the hazardous materials consulting firm Hildebrand & Noll Associates. Former Hazardous Materials Coordinator with the Prince George's County, MD Fire Department where he managed the Level III Hazardous Materials Team. He is a Certified Safety Professional and a member of

many national safety committees, including the NFPA Technical Committee on Hazardous Materials Response Personnel (NFPA 472).

About the filmmaker

Gordon Massingham, director. For over 20 years one of the world's leading creators of emergency response training. Winner of more than 130 national and international awards.

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 completely satisfied.

For a free color catalog describing all programs available from the Emergency Film Group, please call the toll-free number below, or contact us by e-mail: info@efilmgroup.com. More information can be found on our web site at www.efilmgroup.com.

PROGRAMS AVAILABLE FROM EMERGENCY FILM GROUP

Air Monitoring Series

- Contamination Assessment
- Direct Reading Instruments

Confined Space Emergency Series

- Understanding Confined Spaces
- Confined Space and the First Responder
- Confined Space Technical Rescue

Container Emergencies Series

- Cylinders
- Intermodal Containers
- Petroleum Storage Tanks

Hazardous Materials: Managing the Incident Series

- 1 - Site Management & Control
- 2 - Identifying the Problem
- 3 - Hazard & Risk Evaluation
- 4 - Protective Clothing & Equipment
- 5 - Information Management & Resource Coordination
- 6 - Implementing Response Objectives
- 7 - Decontamination
- 8 - Terminating the Incident

HazChem Series

- Introduction to Hazardous Chemicals
- Anhydrous Ammonia
- Benzene, Toluene & Xylene
- Chlorine
- Hazardous Waste
- Hydrogen Sulfide
- Inorganic Oxidizers
- Pesticides
- Propane, Butane & Propylene
- Sodium Hydroxide & Potassium Hydroxide
- Sulfuric Acid & Hydrochloric Acid

HazMat Operations

- 1 - Reconnaissance
- 2 - HazMat Containers
- 3 - Forecasting Events
- 4 - Organizing the Response
- 5 - Tactics

Industrial Incident Management Series

- Taking Control
- Incident Command in the Field
- The Emergency Operations Center

Investigations Series

- Introduction to Investigation
- Accident Investigation
- HazMat Investigation
- Fire Investigation

Oil Spill Response Series

- Initial Response
- Countermeasures on Land
- Countermeasures on Water
- Waste Management
- ICS & Unified Command

WMD Response Library

- Detecting Weapons of Mass Destruction
- Response to Anthrax Threats
- Terrorism: 1st Response
- Terrorism: Biological Weapons
- Terrorism: Chemical Weapons
- Terrorism: Explosive & Incendiary Weapons
- Terrorism: Radiological Weapons

Other Programs:

- AIDS, Hepatitis & the Emergency Responder
- Bomb Threat
- Chemical Protective Clothing
- CO: Response to Carbon Monoxide Incidents
- Decon Team
- First Responder Awareness
- Foam
- Fun With Chemistry
- HazMat Command
- HazMat Emergency
- HazMat/WMD Awareness
- Heat! Working in Hot Environments
- Mass Decon
- Medical Operations at HazMat Emergencies
- NIMS: Introduction to the National Incident Management System
- Organization for HazMat Incidents
- Protective Actions: Evacuation/Shelter in Place
- Rapid Intervention Teams
- Technical Rescue: Awareness
- Terrorism: Medical Response
- Terrorism: Roll Call Edition
- Trench Rescue
- Trucking Hazardous Materials

For Information, Call 800 842-0999 www.efilmgroup.com FAX 508 627-8863
EMERGENCY FILM GROUP® • 140 Cooke St. • PO Box 1928 • Edgartown, MA 02539-1928