

"Training tools for an increasingly complex and dangerous job"



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# Heat!

Working in Hot Environments

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## About heat related illnesses

Every year in the U.S. there are at least 3,000 heat-related illnesses and occupational injuries involving days lost from work. Emergency responders who work in protective clothing are especially vulnerable to heat injuries. It is important for personnel to learn about the risks of working in hot environments as well as how to prevent heat injuries.

## About the program

*Heat! Working in Hot Environments*, is designed for fire fighters, hazmat teams, bomb squads, military personnel who work in hot climates, and others who may be called upon to work in protective clothing ensembles or who may work in hot weather or hot conditions during the course of their assigned duties.

The program defines hot environments and the occupations where workers may be at risk. It explains how heat is transferred, how it builds up in the human body, and what conditions exacerbate heat buildup. The symptoms of dehydration, heat stress, heat exhaustion and heat stroke are portrayed.

Specific heat issues relating to chemical protective clothing are explored, as well as

other hazards in hot conditions. The program depicts responders using protective measures to avoid injury and undergoing medical monitoring before, during, and after operating in protective clothing. It also explains methods used to treat heat injuries, and demonstrates first aid for heat injury victims.

A Leader's Guide is included with the package that outlines the elements of a complete seminar, including objectives, ideas for activities, extra reading material and a copy of the script for reference.

## About the technical committee

Emergency Film Group programs are created with the assistance of leaders in emergency response training. Technical committee members for *Heat! Working in Hot Environments* include the following authorities:

### Tom Abbott, Tempe (AZ) Fire Dept.

Tom has been a member of the Tempe Fire Dept. since 1975, where he currently manages the Departments' Special Operations Section. He is one of the original members of the Phoenix Fire Department Urban Search and Rescue Team and has coordinated or taught in 45 Hazardous Materials Technician courses, as well as numerous First Responder and First on the Scene courses.

### Bryan Bledsoe, D.O. FACEP, EMT-P.

Dr. Bledsoe is an emergency physician with over 30 years experience in EMS and emergency medicine. A former EMT, paramedic, and paramedic instructor, he is the author of numerous textbooks, magazine and journal articles.

### Jan Dunbar, Sacramento (CA) Fire

Dept. (ret.) Jan was Division Chief, responsible for developing the hazardous materials response team program. He has served as Chairman of the California State Fire Marshal's committee to develop a hazardous materials specialist course and is a member of NFPA's Technical Committee on Chemical Protective Clothing.

**Paul Rega, M.D., FACEP, Emergency Recognition, Response & Anti-Terrorism Training Associates.** Paul is a practicing emergency physician board-certified in both Emergency Medicine and Pediatric Emergency Medicine. He founded the OH-1 DMAT in 1985 and established it with the National Disaster Medical System. He is one of the co-founders of the TADMAT Center for Disaster Education & Research.

### Steve Storment, Phoenix Fire Dept.

(ret.) Chief Storment directed the Medical Services Division.

## About the filmmakers

### Gordon Massingham, director.

Principal creative person behind some 150 emergency response training films and videos, which have garnered 130 awards in national and international competition.

## 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 satisfied.

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

### Prices for "Heat: Working in Hot Environments"

(DVD or video plus Guide)

DVD-\$450 VHS-\$450

10-day rental - \$150

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

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

To Order, Please Call 800 842-0999 or Fax 508 627-8863 [www.efilmgroup.com](http://www.efilmgroup.com)  
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