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About Chemical Protective Clothing

Chemical protective clothing is a single or multi-piece garment designed to protect the wearer from direct contact with specified materials. When dealing with hazardous materials, chemical protective clothing is critical to guard against the effects of toxic or corrosive products which could enter the body through inhalation or skin absorption, or cause tissue damage upon contact with the skin.

NFPA and EPA recognize basic levels of protection based upon the nature of the hazard. Because physical properties of chemicals differ, no one garment can provide protection against all hazards. Many factors must be taken into consideration before selecting a particular CPC ensemble for a task.

A comprehensive chemical protective clothing course such as outlined in this program can help keep workers and emergency responders safe and effective, an important step in keeping the community, the environment and the workplace free from contamination by hazardous materials.

About the film

"Chemical Protective Clothing" discusses performance standards for vapor protective suits, liquid splash protective suits and support function protective garments, the three levels of protection approved by the National Fire Protection Association, and

explains the factors which determine selection of a suit. It also lists the key components of a chemical protective clothing ensemble and discusses appropriate properties of each. The concepts of permeation, penetration and degradation as they relate to fabrics are explained, as well as methods for detecting signs of suit failure.

The viewer is taught the correct procedure for donning and doffing CPC and for decontamination. The importance of medical monitoring is stressed, and the various types of heat-related illnesses described.

Other topics covered include limitations of CPC, EPA levels of protection, inspecting and testing of garments, proper storage and maintenance of garments and record keeping. (29 minutes)

Purchase or rental includes a 58-page *Leaders Guide* which outlines a comprehensive five-hour training program in the proper selection, use and care of chemical protective clothing.

About the technical committee

Emergency Film Group programs are created with the assistance of leaders in emergency response training. Technical committee members for "Chemical Protective Clothing" include the following authorities:

Leonard Deonarine, president, HAZMAT Training, Information and Services, Inc., which manages hazmat training programs for major industries. Lenny is also past chairman of the ISFSI CPC Committee and a member of many professional organizations, including NFPA and NSC.

Jan Dunbar, Battalion Chief with the Sacramento Fire Department (ret.) where he developed then managed a hazardous materials response team. Chief Dunbar is well known as an author and lecturer on hazmat issues.

Greg Noll, principal in the hazardous materials consulting firm Hildebrand-Noll Associates and a member of the NFPA Technical Committee on Hazardous Materials Response. Greg is co-author of the text *Hazardous Material: Managing the*

Incident.

Steve Storum, Deputy Chief of Special Operations, Phoenix Fire Department (ret.) and a member of the NFPA technical committees on Chemical Protective Clothing and Hazmat Response.

Jeff Stull, program manager for protective clothing technology for TRI/Environmental, Inc. Jeff is also Vice Chairman for ASTM's Committee on Protective Clothing and Chairman of NFPA's subcommittee on CPC.

About the filmmakers

Gordon Massingham, director. For over 25 years one of the world's leading creators of emergency response training. Winner of more than 130 national and international awards.

Jane Christopher, producer and editor. Well known to emergency response audiences for programs, Jane has received several awards for filmmaking excellence.

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.

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>

Pricing for "Chemical Protective Clothing"
(DVD or VHS plus Leader's Guide)

DVD - \$295 VHS - \$295
Rental - \$150 Preview - \$20

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