

"Training tools for an increasingly complex and dangerous job"



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Response to Carbon Monoxide Incidents

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About Carbon Monoxide

Carbon monoxide poisoning is the most common cause of unintentional poisoning death in the US, causing up to 1,000 fatalities a year. This poisonous gas is created when fossil fuels and other carbon-containing materials burn, particularly under conditions of low oxygen. Because carbon monoxide binds to blood with 250 times more affinity than oxygen, it replaces oxygen in the blood. Lack of oxygen in the central nervous system leads to headaches, irritability, confusion, and eventual convulsions, coma and death.

Carbon monoxide poisoning can occur in homes or in the workplace. Heating and cooking systems, chimney flues and internal combustion engines are all potential sources of carbon monoxide. Clearly there is a need for emergency responders to be trained in the hazards of carbon monoxide, and in the handling of CO incidents.

About the video

"CO: Response to Carbon Monoxide Incidents" is designed for fire fighters, fire brigade members, emergency medical personnel, police, poison control center personnel, plant safety personnel and others who may respond to emergencies involving carbon monoxide. This program discusses the hazard properties of CO, explains exposure limits, and tells where it is likely to be found. It discusses symptoms at various levels of exposure and tells how a victim's age and health may impact

these symptoms. The video stresses the importance of installing CO detectors, explains how they operate and tells how they may become contaminated and disabled.

The video suggests simple safety procedures to follow to prevent CO poisoning from occurring both in the home and workplace. For emergency situations, the program tells what the first arriving emergency responders should do to treat victims, monitor for CO, ventilate the building and evacuate if necessary. The program tells what steps emergency medical personnel should take to reduce the concentration of CO in the blood of victims. Finally, it tells how emergency responders should locate the source of the carbon monoxide and shut it down to leave the building safe.

Purchasers of the program will receive a supply of pocket guides with quick information about responding to carbon monoxide incidents.

About the technical committee

Emergency Film Group productions are created with the assistance of leaders in the subject matter field as well as in emergency response. The technical committee for "CO: Response to Carbon Monoxide Incidents" includes the following authorities:

Frank Docimo, Docimo & Associates. Frank is also the HazMat Officer for the Turn of River Fire Dept. in Stamford, CT and co-chairperson of Connecticut's Hazardous Materials Awareness Committee.

Chuck Herzog, Manitowoc (WI) Fire Dept. Chief Herzog has 18 years of fire service and has authored many articles, including the SOP's for carbon monoxide incidents for his department. He holds BA's in Fire & Safety Engineering Technology, Nursing, and Biology and an MA in Management and Organizational Behavior.

Steve Maslansky, consultant. Steve is principal in GeoEnvironmental Consultants Inc., a consulting and training firm specializing in the environmental hazards field. He is co-author of *Air Monitoring Instrumentation*, a comprehensive

text for emergency, investigatory and remedial responders. Steve has over 25 years experience in hazmat response.

Kent R. Olson, MD, California Poison Control System. Kent is Medical Director of the San Francisco Bay Area Regional Poison Control Center and Associate Clinical Professor of Medicine at the University of California. Kent is a practicing physician and medical toxicologist and is involved in developing and teaching protocols for the medical management of hazmat victims.

About the filmmakers

Gordon Massingham. Director of all Emergency Film Group/Detrick Lawrence productions, Gordon is a former television producer as well as the former Manager of the NFPA Film Department. His work has appeared on ABC and PBS, as well as television stations throughout the country. He has produced more than 100 emergency response training films since 1979. Productions in which he has played a principal creative role have won over 130 film festival awards.

Jane Christopher, Editor. Jane has served variously as producer, director and sound recordist on more than 40 emergency response training films, including NFPA's "Fire Command" series and the "Engine and Ladder Company Operations" series. A registered nurse and former TV producer, her creative work has been cited with numerous 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 100% satisfied.

Program descriptions are available at <http://www.efilmgroup.com>. For a free color catalog of all programs available from the Emergency Film Group, please call the toll-free number below.

Prices for "CO: Response to Carbon Monoxide Incidents"

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

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

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