



A Volume From the Library

Personal Protective Equipment

Firefighting is a dangerous profession that requires specialized equipment to effectively and safely navigate a fire emergency. An important part of this equipment is the firefighter's personal protective equipment (PPE).

It is important to train and educate firefighters about PPE. The reality of a fire fighter's job is that personal protective equipment is a large part of what stands between a fire fighter and a trip to the hospital (or worse).

In addition to the risk of heat and flame related injuries, proper use of PPE protects fire fighters from inhaling dangerous smoke, debris, and toxins that could cause significant harm. PPE also provides protection to skin so that harmful particles and toxins are not absorbed.

If you or your department would like some training videos on personal protective equipment, check out these audiovisual items available in our library:

[LION TOTAL CARE: HOW TO PERFORM AN ADVANCED INSPECTION](#)

AV08-2223 Date Acquired: 3/4/2008 Length: 20:00 Format: DVD Author: LION TOTAL CARE

This DVD program from LION Total Care covers the equipment needed to do an inspection on protective clothing and the steps in performing an advanced inspection. It covers the inspection of the outer shell, retro-reflectivity trim, closures, hardware, labels, and liner system. The advanced inspection includes the puddle test, DRD, complete liner inspection, pressure test, proximity clothing, helmet inspection, proximity helmet cover and shroud. (2008)

[PERSONAL PROTECTIVE CLOTHING](#)

AV10-2439 Date Acquired: 10/6/2010 Length: 25:03 Format: DVD Author: ACTION TRAINING

This video lists the elements of the complete protective ensemble worn by firefighters and describes the functions and specification for each element of personal protective clothing. It describes special clothing situations, firefighter responsibilities for the care and maintenance of turnout gear and safety requirements for work uniforms and safety shoes. Learning objectives include: the protective ensemble; hoods, helmets & eye protection; protective coats & pants; gloves & boots; special clothing situations; turnout gear care & maintenance; and work uniforms & safety shoes. (c2007, reflecting 2008 standards)

[PERSONAL PROTECTIVE CLOTHING](#)

AV06-1986 Date Acquired: 9/18/2006 Length: 18:30 Format: DVD Author: ACTION TRAINING

In this program viewers will see an overview of various types of personal protective clothing used in the fire service. The program emphasizes why you must select and wear only protective clothing that meets fire service standards. The training objectives are: to demonstrate the components of full protective clothing and the limitations of each; to show proper protective clothing to be worn as a station or work uniform; to present procedures for care and maintenance of personal protective clothing. This program on DVD complements the 4th edition of Essentials. (2003)s for incident mitigation. The lessons learned will provide basic principles that organizations can use to prepare for, and respond to, a wide range of natural disasters. (rel. 11/09, c2009)

[HAZMAT INCIDENT MANAGEMENT STEP 4: PROTECTIVE CLOTHING & EQUIPMENT](#)

AV05-1870 Date Acquired: 7/20/2005 Length: 22:00 Format: DVD Author: EMERGENCY FILM GROUP

The 8 Step Process Version 2.0, is an 8 DVD series on managing hazardous materials incidents. Step 4 examines protective clothing and respiratory protection used at hazmat incidents; the limitations of each; degradation, penetration & permeation; NFPA standards; and EPA levels of protection. (2005) View sample video clip here <http://www.efilmgroup.com/Colleges-Universities/Protective-Clothing-and-Equipment-Video.html?dnp=t>.

[HAZMAT/WMD SELF PROTECTION FOR FIREFIGHTERS](#)

AV07-2089 Date Acquired: 6/14/2007 Length: 60:00 Format: DVD Author: EMERGENCY FILM GROUP

Personal protective clothing and equipment is used by firefighters to protect themselves from contamination and exposure to hazardous materials. This training program covers: why protective equipment is necessary; features and limitations of different types of protective equipment; the types of respiratory protection available; donning, use of, and doffing of PPE; inspecting and storing PPE; medical considerations when using PPE, and avoiding heat stress. An Instructor's Resource CD accompanies the DVD and contains powerpoint presentations, instructions for instructors, quizzes and other resources. (2007)) View sample video clip online <http://www.efilmgroup.com/Fire-and-Rescue/Hazmat-WMD-Self-Protection-for-Firefighters-Video.html?dnp=t>.

For assistance in choosing training materials, or to make recommendations for additions to the library, please contact the commission librarian at (512) 936-3833, via e-mail at library@tcfp.texas.gov or visit the [Emerson Library](#) at the commission's headquarters facility during regular business hours.

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