

State of Kansas  
OFFICE OF THE STATE FIRE MARSHAL



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KANSAS STATE FIRE MARSHAL

2017

# RESOURCE LIBRARY

The Office of the State Fire Marshal maintains a Resource Library that includes DVD's, Books, and curriculum packages covering subjects that have an educational value in a number of areas including fire safety, fire prevention, investigation, hazmat, and more. Many selections are geared toward firefighter or first responder training, with others geared toward businesses or fire safety in the workplace. In addition, we have selections on fire investigation, inspections and youth firesetting behavior. Finally, we have titles that would be great when educating members of the public, including groups of all ages from preschool to older adults and all audiences in between.

The materials are available to individuals and agencies in Kansas having use for them with return postage the only expense to the borrowers.

Materials are sent via standard mail delivery at the media mail rate, which is not as fast as first class so **PLEASE** request your materials in advance of the date needed to assure that they will be available and will reach you within your timeframe. To best serve the interests of everyone who uses the Resource Library, we limit the length of time you may keep your selections to **TWO WEEKS**, and the number of selections you can check out to **TWO**, however if you have a special need, **DO NOT** hesitate to talk to us, we will work with you based on availability, demand and reservations.

We understand that problems may arise with the items we send out, so **PLEASE** notify us at once of any damage or problems you have with the items, you will not be charged or held responsible but by letting us know, we won't send the item out again until it can be replaced or repaired.

Please contact the Office of the State Fire Marshal at (785) 296-3401 to make your request. You can also complete the **RESOURCE REQUEST** form and mail it to 800 SW Jackson, Suite 104, Topeka, KS, 66612 or fax it to 785-296-8155.

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## **AERIAL APPARATUS SERIES – DVD SET OF 5**

### ***Aerial Apparatus Driving Techniques (16 minutes)***

This DVD provides an overview of safe driving techniques for aerial apparatus drivers, including how to handle the truck in adverse conditions. It demonstrates the special skills required of the tiller operator.

### ***Positioning Aerial Apparatus (16 minutes)***

This DVD shows standard operating procedures for placing aerial devices at the emergency scene, including four tactical uses. The safety factors for aerial device placement are highlighted.

### ***Stabilizing Aerial Apparatus (17 minutes)***

This DVD shows the function of the hydraulic system in aerial stabilization and demonstrates how to operate the power take-off (PTO) system, how to set stabilizers on even/uneven terrain, and how to stabilize tractor-trailer apparatus.

### ***Operating Telescoping and Articulating Equipment (18 minutes)***

This DVD demonstrates how to raise and lower telescoping ladders and platforms as well as articulating devices. It features safety rules to follow when operating each type of aerial equipment.

### ***Aerial Apparatus Maintenance (13 minutes)***

This DVD presents a systematic aerial apparatus inspection procedure that can be followed by both career and volunteer driver/operators. It shows how to perform routine maintenance tasks, demonstrates procedures for inspection and preventive maintenance and other equipment carried on the aerial apparatus.

## **ART OF READING SMOKE, THE – DVD SET OF 3**

### ***The Art of Reading Smoke - Smoky Blue Cover (28 minutes)***

Smoke coming from a building is the only clue available to predict fire behavior and the likelihood of a flashover or rapid fire spread so first arriving officers must read smoke before choosing tactical priorities. In this video you learn why we read smoke, the advanced basics of reading smoke, hostile fire events and warning signs, the 3-step process, tricks and short-cuts. This has live-action clips and practice examples so the viewer can practice and test their smoke-reading abilities.

### ***The Art of Reading Smoke - Smoky Green Cover (5 minutes + 2-3 minutes scenarios)***

This is the companion to The Art of Reading Smoke. The viewer is presented with seven real-world scenarios involving residential, commercial and mixed-use structures to help hone the viewer's smoke-reading skills.

### ***The Art of Reading Smoke - Smoky Pink Cover (8 minutes + various scenarios)***

Today's structure fires are hotter and more explosive than ever and firefighters are getting caught in flashovers at an alarming rate so, it is imperative that firefighters and first on-scene decision makers know how to read the smoke before engaging in interior firefighting operations. This is the third disc of this series and includes eight real-world examples involving residential, commercial and mixed-use structures to help viewers hone their smoke-reading skills. There are four rapid recognition drills and four full scenarios included.

## **BREAD & BUTTER OPERATIONS – FIRE ENGINEERING – DVD SET OF 5**

### ***Car Fires (31 minutes)***

Properly responding to and extinguishing a car fire is an essential skill that all firefighters must master. Chief Doug Leihbacher walks the viewer through how to respond to a vehicle fire, the hazards associated with this type of call, and how to properly extinguish the fire, whether it is in the engine, trunk or passenger compartment. Discussed are the safety systems and materials in vehicles we must be aware of in order to stay safe on the fireground including magnesium, air bags and struts.

### ***Initial Attack Lines (26 minutes)***

Understanding how to properly estimate the length of hose needed on the fireground, stretching that hose into place, and advancing it into and through the structure are key skills all firefighters must master. Chief Jeff Shupe walks the viewer through estimating the stretch for various common structures, and how to effectively pre-plan and measure the stretch for unusual structures you may find in your response area. This edition also looks at static and pre-connected attack lines and the benefits of both, as well as how to properly advance the line.

### ***Search and Rescue (28 minutes)***

Properly searching a structure is an essential skill all firefighters must master. Chief Skip Coleman reviews the history of search techniques, explains the strengths and weaknesses of each and covers why “oriented search” is the new standard for fireground search. Also covered are the duties of the officer in charge, when to search, where to search and the importance of maintaining continuity.

### ***SCBA (28 minutes)***

Properly maintaining and using self-contained breathing apparatus (SCBA) is a skill that all firefighters must master. Chief Phil Jose covers the daily check, which includes the (visual and operational) check of SCBA as well as the proper way to don and doff the SCBA. Also covered is the rule of air management (ROAM) and how to use it on the fireground, as well as addressing an SCBA emergency, such as low-air or face-piece problems. On the fireground, air equals time, and proper use and maintenance of SCBA is a skill crucial to giving a firefighter time to get in, do the job and get out safely.

### ***Ventilation (25 minutes)***

Properly and effectively venting a structure is an essential skill that all firefighters must master. FF Joe Alvarez covers the basic characteristics of smoke and heat and shows how to use that information to properly vent a fire, examining horizontal and vertical ventilation.

## **COLLAPSE OF BURNING BUILDINGS – DVD 5 PART SERIES**

### ***Part 1 – Wall Collapse (17 minutes)***

This DVD describes different kinds of walls, the three ways they collapse, how far they fall, establishing danger zones, and the proper use of fire streams as well as the responsibilities of officers and firefighters.

### ***Part 2 – Peaked Roof Collapse (20 minutes)***

The most common and dangerous for firefighters, this DVD covers the peaked roof and features analysis, case studies, construction and types of collapses as well as fire hazard protection, avoidance, roof slope and pitch and the safety procedures needed for working on or around peaked roof structures.

### ***Part 3 – Truss Roof Collapse (23 minutes)***

Truss roofs are the cause of many deaths and serious injuries and their use is increasing. This DVD covers case studies, definitions and terms, lightweight and timber trusses, construction features, conflicting size-ups and safe operating procedures.

### ***Part 4 – Floor Collapse (22 minutes)***

This DVD features analysis and case studies of floor collapse, floor deck failure and floor beam support for floor systems as well as identifying warning signs of collapse and outlining firefighter evacuation.

### ***Part 5 – Wood Frame Collapse (22 minutes)***

This DVD discusses types of collapse and their causes, fire spread, case studies, special dangers, porch and chimney collapse, and protection concerning this most common U.S. building type.

## **CRITICAL FIREGROUND FACTORS SERIES – DVD SET OF 3**

### ***The Phoenix Project Tape #1 – New Residential Roof Systems***

This DVD takes a comprehensive look at the differences between new residential roof construction and older “conventional” style roof systems, and the tactical realities of roof operations associated with new tile roofs. This program shows how the National Institute of Standards and Technology (NIST) and the Phoenix Fire Department built 4 test structures that were set on fire in order to take a clinical look at how well and how long these different types of roof systems hold up under fire conditions.

### ***The Phoenix Project Tape #2 – Fire Behavior in Commercial Buildings***

This DVD examines fire behavior in old commercial style construction. This program shows how NIST and the Phoenix Fire Department conducted live fire burns in a 1950’s era warehouse. The structure was made out of red brick with a large span, heavy truss roof – a building found in most communities throughout North America. Temperature and carbon monoxide readings were recorded from initial ignition until the recording devices failed. The data showed that the interior of the building was lethal to any unprotected occupant 6 minutes after ignition, and how the traditional 20-minute rule (if the fire isn’t under control by the 20-minute mark abandon the building) was offset by almost 2 minutes.

### ***The Phoenix Project Tape #3 – Size-up & Risk Management***

The third and final DVD in this series is hosted by Phoenix Fire Chief Alan Brunacini who applies a simple and understandable risk management plan to the information obtained from the burn test in videos #1 and #2. This DVD features an architect and structural engineer, describing the process that goes into the design and construction of today’s buildings and how structural engineering and materials have changed over the last 50 years. It also includes two trauma surgeons that describe the rapid and lethal biological consequences the products of combustion have on unprotected people. Finally, fire protection engineer Scott Stookey provides an overview of how fire affects structures and how newer, lighter and more highly engineered building systems and materials fare under active fire conditions.

## **ESSENTIALS OF FIREFIGHTING – FIREFIGHTER I SERIES – DVD SET OF 23**

### ***Firefighter I – Firefighter Safety: Part 1 – 2007 – # 1***

This DVD provides an overview of fire department and firefighter responsibilities under NFPA 1500, describes the Incident Command System, control zones at emergency response scenes and how to meet the physical demands of the job through fitness and wellness programs.

***Firefighter I – Firefighter Safety: Part 2 – 2007 – # 2***

This DVD discusses standard operating procedures, teamwork, accountability, on-scene rehab and its' importance to safety. It presents survival skills for firefighters who get disoriented or trapped, identifies safe procedures for riding apparatus, working roadway emergencies, shutting off utilities and responding to electrical emergencies.

***Firefighter I – Fire Behavior – 2007 – # 3***

This DVD describes the science of fire and combustion, the *fire tetrahedron*, states of fuel, pyrolysis, vaporization, types of heat energy, methods of heat transfer, stages of compartment fire development, products of combustion, factors in fire development and dangerous fire conditions for all firefighters.

***Firefighter I – SCBA 1: Introduction – 2007 – # 4***

This DVD presents the functions of each component of the Self Contained Breathing Apparatus (SCBA) system, safety features of various types of SCBA, limitations of SCBA and hazardous environments that require respiratory protection.

***Firefighter I – SCBA 2: Use & Maintenance – 2007 – # 5***

This DVD demonstrates correct SCBA donning and doffing techniques, inspection and care procedures, how to change cylinders at an emergency, safety precautions and rules for using SCBA in emergencies.

***Firefighter I – Personal Protective Clothing – 2007 – # 6***

This DVD lists the elements of a complete protective ensemble worn by firefighters and describes the functions and specifications for each. It describes special clothing situations, firefighter responsibilities for care/maintenance of turnout gear and safety requirements for work uniforms and safety shoes.

***Firefighter I – Portable Extinguishers – 2007 – # 7***

This DVD is designed for firefighter training and public education. It covers the classification and rating system used for fire extinguishers, types of hand-held extinguishers, how to select the correct extinguisher for a fire, extinguisher maintenance and extinguisher inspection. It presents steps for operating portable extinguishers demonstrating how to extinguish fires using the most common types of extinguishers.

***Firefighter I – Ropes & Knots – 2007 – # 8***

This DVD presents types, ratings and uses for fire service rope. Describes rope materials and construction, methods for inspecting rope and how to maintain and store rope. Demonstrates six basic knots used by firefighters and methods of hoisting equipment.

***Firefighter I – Fire Control 1 – 2007 – # 9***

This DVD discusses basic fire control strategies and safety, demonstrating how to advance a charged attack line into a structure fire, three methods of water application, master stream devices, basic fire suppression tactics for Class B fires, and techniques for suppressing vehicle fires and other exterior fires.

***Firefighter I – Ladders 1 – 2007 – # 10***

This DVD defines basic ladder terminology, discusses ladder types and their uses on the fireground, demonstrates ladder maintenance and inspections, how to select the correct ladder for the task and basics in ladder handling.

***Firefighter I – Ladders 2 – 2007 – # 11***

This DVD shows factors that affect ground-ladder placement, correct ladder placement, ladder raises for one, two and three firefighters, procedures for securing ladders, methods for climbing, and roof ladders.

***Firefighter I – Ventilation Basics & Horizontal Procedures – 2007 – # 12***

This DVD describes the fundamentals of ventilation, including benefits and safety concerns, especially backdraft and flashover. The program describes horizontal and vertical ventilation, positive pressure, negative pressure, and hydraulic ventilation. It demonstrates horizontal ventilation procedures.

***Firefighter I – Vertical Ventilation 2007 – # 13***

This DVD describes roof types and construction and their impact in vertical ventilation, determining roof integrity and basic indicators of roof collapse. It demonstrates methods for opening flat and pitched roofs.

***Firefighter I – Fire Hose Basics – 2007 – # 14***

This DVD shows fire hose construction, sizes, uses, basic hose maintenance, how to prevent hose damage, identifies types of hose couplings, tools and appliances and demonstrates hose-roll methods.

***Firefighter I – Handling Hose – 2007 – # 15***

This DVD presents guidelines for loading hose and basic types of hose loads and finishes, demonstrates common hose lays and methods of coupling and uncoupling hose.

***Firefighter I – Advancing Hoselines – 2007 – # 16***

This DVD demonstrates how to pull and carry hose from a pumper to the fire location for a variety of hose loads, shows how to advance hose into structures and in stairways, from a standpipe up a ladder and how to hoist hose. The program describes how to extend a section of hose and how to retrieve a loose hose line and shows basic procedures for operating and controlling attack lines.

***Firefighter I – Fire Streams – 2007 – # 17***

This program identifies basic sizes and types of fire streams and the advantages and disadvantages of each type. The program shows the use and maintenance of different types of nozzles, defines “water hammer” and shows how to prevent it.

***Firefighter I – Forcible Entry – 2007 – # 18***

This DVD identifies forcible entry tools, how they should be used and maintained and demonstrates procedures for through-the-lock entry, and forced entry through different types of doors and windows.

***Firefighter I – Fire Detection, Alarms & Communications – 2007 – # 19***

This DVD presents methods and technologies for receiving alarms from the public. This program shows the basic components of fire alarm and smoke detection systems, presents an overview of the communications center and systems for dispatching fire department personnel to an emergency, demonstrates good radio procedures and procedures for routine and emergency communications.

***Firefighter I – Lighting & Power Sources – 2007 – # 20***

This DVD describes types of lighting used in the fire service, auxiliary electrical equipment and power plants. This program reviews safety considerations for using lighting and electrical equipment, demonstrates how to set up electrical equipment, illuminate the emergency scene and maintain lighting and portable power plants.

***Firefighter I – Property Conservation: Salvage – 2007 – # 21***

This DVD presents the benefits of good salvage operations, demonstrates the procedures for storing and deploying salvage covers, how to construct a water chute and a catchall using salvage covers and how to cover openings in the roof, windows and doors to protect the property from secondary damage.

***Firefighter I – Property Conservation: Overhaul – 2007 – # 22***

This DVD presents indicators of structural instability, procedures for finding hidden fires and describes procedures for opening concealed spaces, extinguishing hidden fires, preserving evidence and restoring the premises after a fire.

***Firefighter I – Sprinkler Systems – 2007 – # 23***

This DVD describes the effectiveness of fire sprinkler systems, how fire sprinklers work, the different types of systems, components and locations and appearance of control and operating valves. It describes considerations for responding to fires in protected buildings.

**ESSENTIALS OF FIREFIGHTING – FIREFIGHTER II SERIES – DVD SET OF 10**

***Firefighter II – Building Construction – 2007 – # 1***

This DVD describes construction classifications used in most building codes, the role of fire resistance ratings, characteristics and fire behavior of five types of construction, defines building construction terms, and the effects of fire and suppression activities on various building materials.

***Firefighter II – Rescue Operations – 2007 – # 2***

This DVD demonstrates how to move injured victims using carries, drags and stretchers; presents various types of rescue tools; the dangers of vehicle restraint systems; and demonstrates methods to extricate an entrapped victim from a vehicle.

***Firefighter II – Advanced Ventilation – 2007 – # 3***

This DVD presents the factors affecting ventilation decisions. It shows precautions against upsetting vertical ventilation, methods for ventilating a basement or windowless building and special ventilation considerations of high-rise buildings.

***Firefighter II – Water Supply – 2007 – # 4***

This DVD explains the components of water supplies for fire department operations, the operation of different types of hydrants and how to service test fire hose.

***Firefighter II – Fire Control 2 – 2007 – # 5***

This DVD demonstrates fire control tactics for difficult fires including: an exterior Class B fire, fires in upper levels and below grade, fires in energized electrical equipment and in a flammable gas cylinder.

***Firefighter II – Foam Fire Streams – 2007 – # 6***

This DVD describes the fundamentals of foam, including how foam is generated, how it extinguishes, types of foam, nozzles, other foam generating systems, how to assemble a foam fire stream and troubleshooting.

***Firefighter II – Fire Hose Appliances – 2007 – # 7***

This DVD shows different types of fire hose appliances, including valves, valve devices, fittings and intake devices. The program identifies the correct type of appliances to be used in specific fireground operations and demonstrates how to clean and maintain hose appliances.

***Firefighter II – Fire Origin & Cause – 2007 – # 8***

This DVD presents the firefighter's role in fire cause determination from first alarm to final overhaul and shows how to secure the fire scene pending an investigation, describes legal considerations of fire cause determination and demonstrates how to safeguard evidence at the scene.

### ***Firefighter II – Pre-Incident & Fire Safety Surveys – 2007 – # 9***

This DVD presents the firefighter's role in fire prevention and preparedness demonstrating steps for conducting pre-incident surveys. The program identifies common hazards found in occupancies and shows how to inspect fire protection systems for readiness.

### ***Firefighter II – Fire Prevention & Public Education – 2007 – # 10***

This DVD explains the importance of fire prevention and public education to the fire department and to the community and shows how to do a presentation residential fire safety survey, and identify hazards.

## **FIRE ALARM SERIES – DVD SET OF 4**

This series was created by Protection Knowledge Concepts, Inc, for anyone who designs, specifies, inspects, buys, approves or maintains fire alarm systems.

*Unit 1 – The Basics of Fire Alarm Systems (20 minutes)*

*Unit 2 – Initiating & Notification Devices (28 minutes)*

*Unit 3 – Control Units (17 minutes)*

*Unit 4 – Care and Maintenance (20 minutes)*

## **FIRE OFFICER I SERIES – DVD SET OF 7**

This series contains 7 DVD that were created by Action Training Systems and is geared to the new fire officer or to those who might be looking at such a promotion in the future.

### ***Fire Officer I – # 1 – Leading Your Team (20 minutes)***

As a fire officer you will be responsible for accomplishing the fire department mission through a team of firefighters under your command. Successfully assuming this responsibility requires a combination of management and leadership skills. Good management means effectively supervising and delegating work, while leadership goes beyond job tasks to influence people.

### ***Fire Officer I – # 2 – Maximizing Team Performance (15 minutes)***

To succeed as a fire officer, you need to study and apply leadership concepts to increase the performance of your team. This program introduces three important concepts for becoming an effective leader, including: seven basic steps to building your team; understanding how to motivate people; and empowering your team to make good decisions.

### ***Fire Officer I – # 3 – Communications (22 minutes)***

The safety and success of your team depends on your ability to communicate effectively. This program presents basic communication techniques and shows you how and when to use them. Training objectives include: improving your communication skills, the five-part communications cycle; improving verbal and written communications; using performance feedback with your team, overcoming common barriers to communications.

### ***Fire Officer I – # 4 – Managing Conflict (22.5 minutes)***

As a firefighter, you learned how to put water on fires. As a supervising fire officer, you will need to become skilled at putting out a different kind of fire-conflict. Managing conflict is an essential leadership skill. In this program, we'll discuss specific ways to manage conflict effectively.

***Fire Officer I – # 5 – Incident Leadership (22.5 minutes)***

The company fire officer must be prepared to assume a whole new set of duties and responsibilities at emergency incidents. You must assume command as first-arrived officer, make decisions, clearly communicate assignments under stress, and work within the incident command system to provide a safe and effective response to any emergency.

***Fire Officer I – # 6 – Team Health and Safety (25 minutes)***

Everyday firefighters risk their lives to save people from fires, serious accidents and other perils. But in the heart of the moment, their own safety is often the last thing on their minds, and they fail to recognize the dangers in routine habits and daily life at the fire stations. “Watching their backs” is the fire officer’s most important responsibility.

***Fire Officer I – #7 – Community Relations (20 minutes)***

The Fire Officer I is the department’s most important ambassador to the community. How you and your team respond to the public in your daily activities is the biggest factor in the public’s perception of its fire department. This program teaches fundamental concepts to help the fire officer maintain positive community relations in delivering all fire department services.

***FIRE SERVICE RESCUE SERIES – DVD SET OF 10***

This series contains 10 DVD and were created by Action Training Systems. They are geared toward various search and rescue training in a range of situations.

***Fire Service Rescue – # 1 – Rescue Apparatus and Equipment (18 minutes)***

This program presents the types of vehicles, tools, and personal protective equipment used in rescues. Topics covered include: PPE, hand tools, and power tools ops level responders need when responding to an incident. Included are the regulations of vehicle design.

***Fire Service Rescue – # 2 – Rope Rescue (16 minutes)***

This program explains the challenges and proper techniques in rope rescue situations. It shows how to use knots, anchor systems, mechanical advantage systems, belays/safety lines, and lowering systems. Topics covered include: patient packaging techniques and low-angle rope rescue.

***Fire Service Rescue – # 3 – Confined Space Rescue (15 minutes)***

This program explains the extreme physical, environmental, and atmospheric hazards of a confined space rescue to firefighters. Topics include: atmosphere monitoring, ventilation, communication, and search and rescue techniques.

***Fire Service Rescue – # 4 – Structural Collapse Rescue (15 minutes)***

This program describes the effects of snow loads, high winds, earthquakes, explosions and substandard construction in building collapse. It teaches structural collapse size ups and presents tactics for accessing and removing survivors.

***Fire Service Rescue – # 5 – Trench/Excavation Rescue (14 minutes)***

This program presents techniques and safety procedures for trench and excavation rescue. It shows how to size up a trench rescue incident, identify and classify soil types, stabilize walls and prepare a trench for operations. It also demonstrates how to access victims and determine whether the operation is a rescue or body recovery.

***Fire Service Rescue – # 6 – Vehicle and Machinery Rescue (18 minutes)***

This program describes techniques and safety procedures for vehicle and machinery rescues, especially motor vehicles accidents. It demonstrates vehicle and machinery stabilization techniques as well as disentanglement techniques.

***Fire Service Rescue – # 7 – Water and Ice Rescue (13 minutes)***

This program explains the role of the ops level responder in water and ice rescues. It demonstrates water and ice rescue techniques including how to size up the situation. This program also shows swift water and surf rescue methods.

***Fire Service Rescue – # 8 – Wilderness Search and Rescue (12 minutes)***

This program explains the ops level responder's role in the wilderness search and rescue. Presented are basic search and rescue techniques including the hasty search, the loose-grid search and the tight grid search as well as techniques for evacuating victims.

***Fire Service Rescue – # 9 – Elevator Rescue (14 minutes)***

This program demonstrates how to size up an elevator rescue, gain access to the elevator car, establish communications and perform emergency rescue procedures. It also covers pre-incident planning, things to consider like possible life hazards, conditions inside the elevator car and other potential medical emergencies.

***Fire Service Rescue – # 10 – Rescue Apparatus and Equipment (13 minutes)***

This program explains how to size up a fireground search and rescue. It demonstrates primary and secondary search and rescue techniques including multi-story structures, secondary search techniques and effective victim removal skills.

## **FIRE SPRINKLER SYSTEMS – DVD SET OF 4**

This series was created by Protection Knowledge Concepts, Inc, for anyone who designs, specifies, inspects, buys, approves or maintains these vital fire sprinkler systems.

***Unit 1 – Sprinkler Systems Basics (22 minutes)***

***Unit 2 – Hazard Classification (20 minutes)***

***Unit 3 – Types of Water Supplies (16 minutes)***

***Unit 4 – System Maintenance (15 minutes)***

## **FORCIBLE ENTRY – FIRE ENGINEERING – DVD SET OF 5**

***Part 1 – Conventional Forcible Entry: Striking and Prying (30 minutes)***

This video shows the types/construction of doors, frames and walls; entry size-up; spreading/forcing techniques; strategies; safety precautions; tools; exposure problems and common errors.

***Part 2 – Through-the-Lock: Cylinders and Keys (20 minutes)***

This video demonstrates the simplicity of locks, shows the tumbler mechanisms and explains the two simple tools used to gain entry into most locked doors. This technique is much faster with less damage, more fire control, less injury, ease of operation, and the ability to secure the location after entry.

***Part 3 – Padlocks: Standard and Heavy Security (20 minutes)***

This video shows the types/construction of padlocks, locations, mountings, devices, standard lock and heavy-security opening techniques; demonstrates Halligan tool, bolt cutters, dent puller and more.

***Part 4 – High Security Devices: Roll – Down Metal Doors and Scissor Gates (20 minutes)***

This video explains the dangers unique to fire incidents involving high-security devices; helps you recognize configurations, details of construction and types of operation; and shows techniques and dangers of cutting the door and the lock. It reviews things like scissor gates and roll-down doors.

***Part 5 – Special Locking Devices: Guard Plates, Locks, Bolts and Bars (20 minutes)***

This video demonstrates special locking devices; discusses higher-than-normal security measures; and explains Fichet-type locks, Mul-T-Lock and police locks.

## **FORGING A CULTURE OF SAFETY, FOCUSED TRAINING SESSIONS**

***Forging a Culture of Safety: (115 minutes)***

This video looks at the importance of setting expectations providing a proper example, and developing conflict-resolution skills. Anthony Avilla a 28 year veteran of the fire service examines the preparation, attitude, and philosophical approach needed to be successful in the fire service, as well as the operational and organizational skills critical for working in the stressful environment of the fireground.

## **GENERAL INTEREST – THE COMPLETE FIRE SAFETY LIBRARY, (times vary)**

This DVD contains the 6 titles below, created by The Idea Bank, in English and Spanish, it is geared toward business/facility owners, operators, employees and in some cases clientele, with written materials that can be reproduced. Each title is also available stand-alone in alphabetical order under “General – Business”.

***Assisted Living Facility Emergency Plan of Action Guide (12 minutes)***

This video is for assisted living facility owners and administrators but could be used with staff and residents. Includes tips to build rapport and get buy-in from seniors, create a plan, and practice.

***Fire In the Workplace (25 minutes)***

This video discusses the primary causes of fires in the workplace with information for employees on how to make your workplace safer and how to survive if you are caught in a fire in your workplace.

***Getting Out Alive (17 minutes)***

This video is a guide on what to do to be ready and what not to do in the event of a fire in your workplace. The reference materials includes information on escape planning, stairs and elevators, fire department participation, fire scenarios, reassembly areas, accountability and critiquing.

***Portable Fire Extinguishers – How to Select and Safely Use (8 minutes)***

This video reminds us that at some point in the early stages of most fires, an employee reacting quickly with a fire extinguisher could have changed the course of events. This video emphasizes the primary mistakes most people make: underestimating the fire and overestimating the extinguisher.

## **GENERAL INTEREST – BUSINESS AND/OR FACILITY OWNERS/OPERATORS**

### ***A Speedy Exit (15 minutes) – DVD***

Designed to provide Home Child Care Providers with information on what the Office of the Kansas State Fire Marshal expects with emphasis on the single most important responsibility which is to save lives and reduce injuries with a speedy exit from the home. Created with help from Kansas Highway Patrol, Olathe Fire Department and Merriam Fire Department, it explains the ENDSS inspection protocol and demonstrates expectations.

### ***Assisted Living Facility Emergency Plan of Action Guide (12 minutes) – DVD***

Created by The Idea Bank, this video is for assisted living facility owners and administrators but could be used with staff and residents. Includes tips on building rapport and getting buy-in from seniors, creating a plan, the importance of practice and staff training. A Guidebook is included.

### ***Code Footprint "A Road Map to Fire & Life Safety" (15 minutes) – DVD***

This video introduces a multi-purpose tool "code footprint" used by the Office of the Kansas State Fire Marshal since 1995. The code footprint concept was created by Rick Fay, and is useful to all people that may be involved in fire and life safety through the design, construction and maintenance phases of a building. The code footprint concept won a national award for streamlining the nation's building process in 1999 and has been introduced to the Uniform Fire Code and the International Building Code. The code footprint is now required when submitting plans for review in many jurisdictions.

### ***Culture Shock (20 minutes) – DVD***

It takes years for a nation to develop a history, a cultural heritage, but only minutes for a fire to destroy the buildings and artifacts of that history. This video was a Boston University Preservation Studies Program that deals with fire protection, historical property and artifact preservation including installation and maintenance of fire protection systems without destroying the historical integrity of the buildings.

### ***Emergency Evacuation (15 minutes) – DVD***

This DVD dramatizes a "fire emergency" and demonstrates the proper techniques for dealing with such emergencies. The specific roles of nurses and other personnel during evacuation are presented, and the most up-to-date removal techniques are described and demonstrated.

### ***Employee Evacuation: Action for Survival (13minutes) –DVD***

Firesafety in the workplace cannot be over-emphasized. This program emphasizes the importance of responding quickly and correctly to fire alarms. It includes lesson plans for instructor.

### ***Emergency Evacuation: What Every Employee Should Know (20 minutes) – DVD***

While workplaces are safer than ever, the potential for serious threats to employees is always present. This program covers: "Being Prepared", "Getting Out", "If Conditions Change", and "Plan to be Safe". There is an instructor's guide included with discussions questions and class handouts that can be printed.

***Emergency Response Life Safety Evacuation (17 minutes) – DVD***

In the workplace everyone should know what to do in case of a fire, bomb threat, gas leak, natural disaster, hazmat incident, workplace violence incident or other emergency. Those in charge need to have a PLAN and be diligent in their responsibilities for the safety of the building occupants.

***Evacuation of Health Care Facilities (12 minutes) – DVD***

This NFPA program details what staff need to know to remove patients from danger safely and efficiently and to protect themselves from the dangers of smoke and fire. An instructor's guide and printable handouts are included.

***Fighting Church Arson (30 minutes) – DVD***

This is a good educational video about the increasing trends in intentionally set church fires, arson. The video discusses the motivation for such arson fires as well as prevention initiatives that congregations can take to keep arson from happening to their house of worship.

***Fire Extinguishers at Work (20 minutes) – DVD***

This NFPA video explains the proper use of fire extinguishers and the importance of first notifying the fire department. The program suggests hands-on training using fire extinguishers in addition to the DVD.

***Fire In the Workplace (25 minutes) – DVD***

Created by The Idea Bank, this video discusses the primary causes of fires in the workplace with information for employees on how to make your workplace safer and how to survive if you are caught in a fire in your workplace.

***Getting Out Alive (17 minutes) – DVD***

Created by the Idea Bank, this video is a guide on what to do to be ready and what not to do in the event of a fire in your workplace. The reference materials includes information on escape planning, stairs and elevators, fire department participation, fire scenarios, reassembly areas, accountability and critiquing.

***Hall of Flame (5 minutes) – DVD***

This DVD was produced by Oklahoma State University Fire Service Training to illustrate how children's artwork and other paper decorations that line the halls of a school can add fuel in a fire situation, which could hinder safe existing. It is intended to help people understand why the codes prohibit such extensive decorations and what alternatives schools, teachers, parents and children can use to show off their work.

***Portable Fire Extinguishers – How to Select and Safely Use (8 minutes) – DVD***

Created by The Idea Bank, this video points out how each fire starts small and how at one point in every fire an employee reacting quickly with a fire extinguisher could have changed the course of events, pointing out the two primary mistakes most people make when using a fire extinguisher, underestimating the fire and over estimating the extinguisher.

***Propane – Delivering Exceptional Value (110 minutes) – 2 Disc Set – DVD***

Funded by the Propane Education and Research Council in cooperation with the National Propane Gas Association, this video set instructs industry employees on safe and efficient propane delivery. Disc 1 is divided into 3 sections: Inspecting, Maintenance and Operating Delivery Vehicles; Filling Storage Containers; and Making Customer Deliveries. Each section has subsections on specific topics related to the main section. Exceptional training material for industry but could also be used by first responders.

## **GENERAL INTEREST - EDUCATION**

**FOR KIDS, SENIORS, THOSE LIVING WITH DISABILITIES, HOME & WORKPLACE, ETC.**

### ***A Lighter Is Not a Toy (8 minutes) – DVD***

Preschoolers are twice as likely to die in a fire as the rest of the population and playing with matches and lighters is the leading cause of fire death among this age group. This DVD tells parents/caregivers how to prevent fires/burns to young children especially those caused by children playing with matches/lighters.

### ***A Recipe for Keeping Your Community Cooking Safely (15 minutes) – DVD***

One out of three home fires begin in the kitchen and since our greatest defense against these fires is education, the NFPA developed this DVD to provide you with all the materials needed to implement a successful cooking safety campaign in your community including checklists, fire facts, PSAs, talking points, and templates.

### ***Angels Too Soon – The 1958 Fire at Our Lady of the Angels School (60 minutes) – DVD***

December 1, 1958, fire swept through Our Lady of the Angels school on Chicago's west side, killing 92 children and three nuns. This documentary tells the story thru first-hand accounts and archival footage. Officially unsolved, the detailed confession of a 10-year old student provides a viable cause. This incident changed the way fire doors are required in schools. An excellent example of how and why we have codes.

### ***At Our Age with Tom Bosley: Seniors Preventing Fires and Falls (17 minutes) – DVD***

This program is for seniors and includes how to plan and practice a home escape, implement prevention practices in their homes, take specific actions and make lifestyle changes to prevent injuries from falls and to work with family members or community caregivers to create a safer home environment. This DVD works well as a companion to the NFPA "Remembering When" curriculum for older adults.

### ***Be Cool About Fire Safety (15 minutes) – DVD***

An educational DVD targeting young children ages 5-8, this program teaches children how to prevent fires and what to do in case of a fire. The high energy activity of this DVD keeps children engaged.

### ***Building A Fire Wise Home – National Wildland/Urban Interface (20 minutes) – DVD***

Created by the NFPA, Department of Agriculture Forest Service, National Association of Foresters, US Dept of Interior and the USFA to bring you info on building and living in formally unpopulated wildland areas, you learn techniques of fire wise construction to make your home less vulnerable to a wildland fire.

***Burning Down the House (5 minutes) – DVD***

This music video is aimed at dormitory living but carries a message for all teens and young adults and can be used with those ages 13 to 23.

***Carbon Monoxide – “The Silent Killer” (25 minutes) – DVD***

This program explains how CO exposure mimics flu systems. It explains the common sources and special conditions that can create residential CO exposures and reviews new technology that makes many of today’s CO alarms virtually “false alarm-resistant.”

***Chemistry of Fire (35 minutes) – DVD***

With funding from the U.S. Department of Homeland Security, the Society of Fire Protection Engineers (SFPE) developed this teacher’s kit in collaboration with Discovery Education. It is targeted at high school aged students and is consistent with U.S. chemistry education curriculum standards. The program was developed to increase recognition and recruiting of fire protection engineering students.

***Code Red Rover, Grownup Come Over! Safety Rangers Say No to Dangers! (11 minutes) – DVD***

Created by the Home Safety Council®, children meet Rover the Safety Hound and Freddie Flashlight to help young children learn how to make important safety decisions. Included are discussion questions and a safety checklist that can be copied. DVD contains both English and Spanish.

***Fighting Church Arson (30 minutes) – DVD***

A good educational video about the increasing trends in intentionally set church fires, arson. The video discusses the motivation for such arson fires as well as prevention initiatives that a congregation can take to keep arson from happening to their house of worship.

***Fire Is . . . (15 minutes) – DVD***

Fire is black, hot, fast, smoke and gas, fire is emergency! “Fire Is. . .” was inspired by stories covered by TV reporters and the lessons learned by fire volunteers and professionals. “Fire Is. . .” employs a straight-talking approach to fire safety and is a serious tool for parents, teachers and fire administrators.

***Fire Power (17 minutes) – DVD***

An accurate film documentation of what happens as fire develops and spreads throughout a house. This DVD shows the power and speed of an uncontrolled fire, the need for smoke detectors and escape plans. The film shows firefighters extinguishing the fire and ends with showing the extent of actual damage caused by the fire. It then shows how fire sprinklers might have reduced the fire damage.

***Fire Safety at Your Worship Center (13 minutes) – DVD***

Fire is one of the greatest dangers a house of worship faces today. The Church Mutual Insurance Co. did this DVD to show practical steps a congregation can take to prevent a fire in their house of worship beginning with awareness to everyone in the community. A checklist is included that can be copied.

***Fire Safety for Senior Citizens (15 minutes) – DVD***

This DVD provides information so seniors can protect themselves from becoming a fire victim, including cooking, heating and electrical safety; stop, drop, and roll with modifications; EDITH; and high rise evacuation. A special section on smoking safety, a leading cause of fire deaths for seniors is included.

***Fire Safety for You at Home – in American Sign Language (15 minutes) – DVD***

Created by Fire Safety Solutions for Oklahomans with Disabilities, this DVD is also presented in American Sign Language and covers fire safety issues including smoke alarms and home escape planning.

***Fire Safety: Lessons for Life (25 minutes) – DVD***

Through first hand experiences of people who have suffered devastating losses in fire and those on the front lines of the battle against fire, this video shows viewers the importance of home fire safety.

***Fire's Fury (14 minutes) – DVD***

Suitable for all ages, the purpose of this DVD is to inform not frighten. It looks at how all fires start small but can grow to be life-threatening in minutes, the importance of smoke alarms, how to plan and practice a home escape plan, and never leave cooking, candles or heat producing appliances unattended.

***Flammable Liquids (15 minutes) – DVD***

This DVD explains the three classifications of flammable liquid consumer products including extremely flammable, flammable and combustible, giving examples of each. It discusses how to prevent those fires, the dangers associated with each in the home and in the workplace.

***Get Low and Go (10 minutes) – DVD***

This program teaches children how to safely evacuate a home during a fire, in a fun and non-threatening manner. Stretch the Ladder Truck and the Fire Safe Kids teach children to know the sound of a smoke alarm, to roll out of bed and to crawl low to the safest way out of their homes.

***Get Ready with Freddie! (9 minutes) – DVD***

Created by the Home Safety Council®, this is an effective video in English and Spanish that helps children in grades 3 and 4 to learn how to make a plan for emergency situations. Discussion questions are included on cards in this package as well as Ready-to-Go Checklist and Ready-to-Stay Checklist

***Graduation: Fatally Denied (15 minutes) – DVD***

This is a first-person examination of the causes of fire in colleges as well as the potential consequences of tampering with safety mechanisms. This video is an effective safety tool for orientation, floor meetings and dormitory meetings.

***Hall of Flame (5 minutes) – DVD***

This DVD was produced by Oklahoma State University Fire Service Training to show how kid's artwork and other paper decorations that line school halls can add fuel in a fire situation. This added fuel contributes to the smoke and heat that could hinder safe existing. It's meant to help people see why the codes prohibit such decorations and what alternatives can be used to show off children's artwork.

***Hidden Hazards In Your Home (10 minutes) – DVD***

Narrated by William Shatner, this video offers important safety information and tips about how to safely use and store gasoline and other flammable liquids and how to prevent tap water burns. It raises awareness about hazards in your home that you may not have thought about.

***How to Prevent Home Fires (12 minutes) – DVD***

This program describes the major causes of home fires and how to prevent them. The objective is to provide viewers with a better understanding of fire and a greater awareness of other preventable contributing factors like candles, cooking, cigarettes, and flammable liquids.

***How's That Work? Residential Fire Sprinklers – DVD***

Created by the Home Fire Sprinkler Coalition, this DVD informs us about residential home fire sprinkler systems, how they work, myths and facts as well as the benefits and cost when building or retrofitting a home.

***Into the Fire (90 minutes) – DVD***

First aired on the History Channel, this documentary funded by the Fireman Fund Insurance Co, was created to give people a real idea about firefighting, from big city engines to small town volunteers.

***It's All in the Planning (10 minutes) – DVD***

This video looks at the increasing challenges for older adults and people with disabilities who require suitable and adaptable housing now and in the future. Planning is key and this shows how a standard house plan can be adapted to meet anyone's needs with little to no additional cost with proper planning.

***Juvenile Firesetting – See General Interest – Juvenile Firesetting in the next section.***

***Keeping Your Community Safe and Energized! (12 minutes) – DVD***

Electrical distribution and lighting equipment is a leading cause of home fires. This program includes community outreach ideas, electrical fire facts and figures, talking points, printable materials, media information and more for a successful electrical safety campaign in your community.

***Keeping Your Community Safe and Warm! (12 minutes) – DVD***

Heating equipment is a leading cause of home fires especially during the winter. This DVD includes community outreach ideas, heating fire facts and figures, talking points, printable materials, media information and more for a successful heating-safety campaign in your community.

***Keeping Your Community Safe with Home Fire Sprinklers! (12 minutes) – DVD***

Home fire sprinklers are a proven way to protect lives and property against fires in the home. This program provides all the support materials you need to better educate your community about home fire sprinklers and gain support for local requirements.

***Kids Shelter in Place (6 minutes) – DVD***

Teaching kids what “shelter in place” means and when it would be appropriate, the kids in this DVD are at home alone after school when a chemical tank truck wrecks nearby. Faced with a possible hazmat incident, officials call for a shelter in place. Thanks to a drill they had earlier, these kids know what to do.

***Let's Rap Fire Safety (22 minutes) – DVD***

For children ages 9-11, this DVD teaches lessons about fire prevention and survival through rapping: “got to have a fire escape plan”, “don't cook up a fire”, “smoke detectors are family protectors”, “too many plugs”, “fry an outlet”, “lamps and heaters need clear space”, “it's not cool to play with fire”, “crawl low under smoke”, and “stop, drop and roll”.

***Making Your Home Fire Wise (20 minutes) – DVD***

Developed by the National Wildland and Urban Interface Fire Protection Program, this DVD helps home owners look at how to protect their homes from wildland fires.

***Manufactured Home Fire Safety (17 minutes) – DVD***

Created by The Idea Bank, this DVD explores the reasons why the fire death rate in manufactured homes is twice the death rate in other types of homes. It covers causes, pre-fire planning, escape planning and practice and more.

***More Ways to Keep Your Community Safe and Warm (12 minutes) – DVD***

Heating equipment is one of the leading causes of home fires during the winter months. This program is for fire-and life-safety professionals to teach people how to prevent home-heating fires by implementing a

community heating safety campaign. This DVD adds to and can be used with, *Keeping Your Community Safe and Warm!* It includes a number of useful resources.

***Protect What You Value Most (11minutes) – DVD***

Ron Hazelton, Home Improvement Editor for ABC's Good Morning American and "The House Doctor" on HGTV, walks viewers through two fire scenarios, one with and one without home fire sprinkler systems discussing how fire sprinklers are installed and activated, as well as the benefits and misconceptions.

***Safer Cooking with Caprial! (15 minutes) – DVD***

This program is part of an on-going "recipe for safer cooking" campaign created by the Association of Home Appliance Manufacturers, UL, NASFM and the National Safety Council to prevent residential cooking fires. Chef Caprial Pence demonstrates cooking while keeping homes and families safe.

***Safety Smart About Fire! (12 minutes) – DVD***

A Disney production, the Lion King's Timon and Pumbaa share lessons with students so they know what to do in a fire emergency including smoke alarms, fire escape plans, and prevention measures such as not playing with matches or lighters. Timon and Pumbaa also review their Safety Smart Checklist.

***Safety Smart At Home! (11 minutes) – DVD***

A Disney production, the Lion King's Timon and Pumbaa are wild about safety and with their Safety Smart Checklist in hand, they inspect a possible new home to make sure it is a safe place to live. Their investigation turns up plenty of safety problems, and they decide there is no place like the home they have.

***Safety Smart Science with Bill Nye the Science Guy – Fire (25 minutes) – DVD***

This program explores the science of safety by going behind the scenes at Underwriters Laboratories and discovering how products are fire-tested to ensure they meet safety standards. Also features interactive safety smart quiz, scene selection, an educator's guide, in English and Spanish versions.

***Secure Your Peace of Mind: Fire Safety & Prevention Tips (10 minutes) – DVD***

This video highlights examples of safety precautions you can consider to help protect you, your family and your personal property.

***Situation: Disaster! (2-27 minute segments) – DVD in English and Spanish***

These programs detail how to protect yourself, your family and property before, during and after a natural disaster. It includes preparation and survival tips for earthquakes, wildland fires, winter storms, tornadoes, hurricanes, thunderstorms, floods and more.

***Sleeping Safe: Burn Injury Prevention (5 minutes) – DVD***

Created by Via Christi Health Systems, this is an excellent, short video about children's sleepwear and how best to protect your child when they go off to bed. Contrary to popular belief, this shows the difference between cotton which are highly flammable and polyester garments which are naturally flame resistant.

***Smoke Alarms – A sound you can live with! (12 minutes) - DVD***

Smoke alarms give folks the early warning they need to get out quickly and safely. This program is intended to increase awareness and encourage installation, testing and maintenance of smoke alarms because most people don't realize how quickly smoke and flames spread and how escape can become impossible in just minutes.

***Smoke Alarms: Wake Up and Live (11 minutes) - DVD***

This program raises awareness of the importance of smoke alarms in preventing fire and smoke-related deaths. It gives you all the basics for installing smoke alarms and setting up a plan for regular testing and maintenance. It helps you know how many smoke alarms you will need, and how to properly place them.

***Smokey's Fire Safety Tips (15 minutes) – DVD***

This program is designed to teach young children, kindergarten through third grade, to respect matches, lighters, and other fire starting tools that should be used by adults only. The program emphasizes that playing with matches is equally dangerous at home or anywhere.

***Sparky and the Runaway Robot! (12 minutes) – DVD***

A mix of live footage and animation, this NFPA program tells the story about the adventures of a Safe-T-Bot who short circuits, and becomes the uninvited “guest” at the home of a family getting ready for a birthday party. The robot disrupts party preparations with Sparky the Fire Dog in hot pursuit, vital lessons are delivered.

***Sparky Presents Get Out! Stay Out! (20 minutes) – DVD***

Created by the NFPA a magician uses his magic to send excellent fire safety messages to children of all ages, including: smoke alarms, escape planning with two ways out, have a meeting place everyone knows about, practicing your plan at least twice a year, and when fire strikes – get out! and stay out!

***Sparky Says: Get to know EDITH (14 minutes) – DVD***

In this animated NFPA program children are introduced to E.D.I.T.H. – Exit Drills In The Home. The children take on the role of safety experts for their families as Sparky the Fire Dog helps them understand how making and practicing a home fire escape plan can help people survive fire.

***Sparky Says: Join My Fire Safety Club (10 minutes) – DVD***

This NFPA program invites kids to join the fun as Sparky the Fire Dog teaches fire safety lessons. Using clever animation it captures kids attention while they learn to use their senses of sight, touch, smell and hearing to stay fire safe. This program introduces eight key fire safety behaviors for Grades K-2<sup>nd</sup>. Presenters Guide included.

***Sparky 's ABC 's of Fire Safety (9 minutes) – DVD***

Sparky the Fire Dog knows all about fire and teaches children ways to be safe and not get hurt by fire by using every letter of the alphabet.

***Start Smart (times vary) – 2 DVD Set***

This 2 DVD set was created by the Home Safety Council® to help preschoolers (ages 3 to 6) and their families learn about fire and burn safety. They include Educator Training Materials, Parent and Caregiver Presentation Materials, Student Presentation Materials, story book, posters, flash cards, parent brochure, reproducible tip sheets, coloring pages, escape map template, song lyrics, and more.

***Stop America from Burning (10 minutes) – DVD***

This is an excellent public education video providing simple yet impressive statistics about fire in our country and what we can do to change it.

***Take the Spark Out of Arson (30 minutes) – DVD***

This program shows homeowners and neighborhood groups simple steps they can take to prevent the crime of arson in their communities. This would be a good tape for Apartment Associations, Neighborhood Watch groups and Homeowner Associations.

***Teaching Children to Make the Right Call - DVD***

This program teaches children how to call 9-1-1 to report an emergency, what constitutes an emergency and how important it is to NEVER play around by calling 9-1-1 unless you have a real emergency.

***The Great Escape (times vary) – DVD***

This follows a grandmother with her pets, the fire lobster, fire monkey and fire flies planning and practicing a home escape plan and knowing what to do when the smoke alarm goes off and they have to get out and go to their meeting place. Interactive.

***There's No Such Thing as a False Alarm (6 minutes) – DVD***

Created by The Idea Bank for middle school and high school aged students to address false alarms and the unintended, real-life consequences of false alarms. The six minute video can be paused for discussion. Written material include: discussion questions, research exercise, cost analysis, school fire drills and quiz.

***Where There's Smoke, There's Science (13 minutes) – DVD***

An NFPA program, this video uses animated lessons to help kids understand concepts that are behind many essential fire safety behaviors including how fires start, why smoke is so dangerous, how to make a home fire escape plan and much more. The program is for Grades 2<sup>nd</sup> to 4<sup>th</sup> and includes a Presenter's Guide.

***Wired for Safety (12 minutes) – DVD***

Created by the U.S. Consumer Product Safety Commission Office of Information and Public Affairs, this video features information on faulty electrical systems and fire prevention including interviews with fire victims, a Fire Chief and an electrical expert. The program includes dramatic footage of home fires. It includes general information you can reproduce and distribute to educate your community.

## **GENERAL INTEREST – EMERGENCY RESPONDERS TRAINING & MISC.**

***Achieve More With Fire Corps (10 minutes) – DVD***

Since the events of September 11, 2001, citizens have become increasingly important in making sure our nation and our communities are safer, stronger, and better prepared to respond to emergencies of all kinds. This DVD explains Fire Corp, a program designed to increase the capacity of fire and EMS departments across the nation through the use of citizen advocates.

***And the Beat Goes On (40 minutes) – DVD***

Deputy Fire Chief Billy Goldfeder, Fire Engineering contributing editor, rallies the troops to fight smarter and safer by refusing to make common mistakes that can have fatal consequences like failing to wear a seatbelt, entering unstable buildings where there is no human life at risk, failing to drive safely, failing to wear SCBA and all protective gear at every call and much more.

***CO: Response to Carbon Monoxide Incidents (25 minutes) – DVD***

Created by the Emergency Film Group this video was designed to provide assistance to anyone who may respond to a CO incident. CO is an invisible, odorless and colorless, non-irritating gas that is slightly lighter than air so it tends to mix with the air. It comes from motor vehicles, heaters, furnaces, charcoal

grills and fireplaces. It is the most common cause of unintentional poisoning in the U.S. It is estimated that ¼ of the people coming to emergency rooms suffering from headaches and flu symptoms are actually suffering from CO poisoning.

***Consumer Fireworks and the Fire Service (14 minutes) – DVD***

The purpose of this video is to help educate fire service personnel, police and others about fireworks since they pose a fire hazard and injury hazard when misused. Very informative.

***Cyanine Poisoning – To Hell and Back (25 minutes) – DVD***

The DVD speaks to the importance of changing our perspective on “smoke” because with plastics and other synthetics the composition of smoke today has changed including the concentration of hydrogen cyanide that is generated by the combustion of natural and synthetic materials. There is a threat to the firefighter if you don’t wear your SCBA because even a moderate exposure could be dangerous. This video will educate you about hydrogen cyanide and its deadly twin carbon monoxide.

***Deadly Dust – 1980 – (30 minutes) – DVD***

Based on the concepts and materials developed by Dr. Robert Schoeff, Kansas State University Department of Grain Science and Industry, this remains the only resource on grain dust hazards, fires and explosions, even after 30 years. This video uses live footage of grain elevator incidents talks about causes, deadly consequences in lives, property, jobs and things that can be done to reduce incidents.

***Earthquake Training (20 minutes) – DVD***

This video could be used by emergency personnel on what might be expected during such a disaster and uses a combination of live footage of earthquakes in Oakland and San Francisco and interviews with various officials. This covers how the Incident Command System could work in this type of situation.

***Fatality on 116<sup>th</sup> Street an OPFD Investigation (28 minutes) – DVD***

Produced by Overland Park KS Fire Department this DVD follows the investigation of a double fatality residential structure fire where oxygen is involved. The video shows live fire footage, thermal imaging footage, and graphic fatally burned victims. They do a simulation to see how oxygen tubing reacts in a fire. Ultimately it was determined smoking and oxygen were what caused this fatal fire.

***Fighting Mobile Home Fires (30 minutes) – DVD***

This IFSTA video focuses on single-wide mobile home fires and describes the unique problems these mobile home fires create, including: layout and access, water supply, construction techniques, fire behavior, fire suppression and ventilation. This program also looks at strategy and tactics.

***Firefighter Life Safety Initiatives Resource Kit – Volume 2 (Segments Vary) – DVD/CD-ROM Set***

This set includes two DVDs and one CD ROM that are part of the “Everyone Goes Home” initiative. Included is information about the most important mandate to ever face the U.S. fire service: to prevent firefighter line-of-duty injuries and deaths.

***Firefighter Life Safety Initiatives Resource Kit – Volume 3 (Segments Vary) – DVD/CD-ROM Set***

Segments include: Advocates for Firefighter Safety: Motivation and Commitment; Health and Wellness: Firefighter Cancer Support Network; Electrical Safety for Firefighters, Dangers of Engineered Wood I-Beams/Floors, Spotlight on Code Officials, The Fire Service as Advocates for Fire Sprinklers, Everyone Goes Home for the Wildland and Urban Interface, and finally NIST Positive Pressure Ventilation.

***Firefighter Survival Techniques (45 minutes) – DVD***

This video takes you through 28 different tactical building blocks based on four principals: prevention and fire attack; self rescue; intervention; and safety precautions. The instructor's objective is to provide the firefighter with the information they need to survive any situation.

***Firefighters Guide to CO Response (22 minutes) – DVD***

This DVD was created by the International Association of Fire Chiefs with a grant from First Alert with the goal to increase firefighter recognition of the threat and results of carbon monoxide which is invisible, odorless, colorless and non-irritating. This video discusses the what, why and how of carbon monoxide.

***Greg Fleger Incident (10 minutes) – DVD***

This story has a warning from Greg Fleger, "take nothing for granted . . . even the most routine incidents can turn into a life and death situation. He shows you how a simple search and rescue exercise almost cost him his life and you'll witness his painful two year recovery from his burns.

***Is Today Your Day? (23 minutes) – DVD***

The International Association of Chiefs of Police and the National Highway Traffic Safety Administration remind law enforcement officers how important it is to use your seatbelts at all times. It underscores the tragedies that result when officers' fail to wear seatbelts and can apply to all emergency responders.

***"It's How You Play the Game" Surviving a Hazardous Material Incident (15 minutes) – DVD***

Narrated by Charles Mann, Defensive Tackle for the Redskins, he compares football to firefighting in a hazmat situation. He talks about the goals, strategies and attack when dealing with either hazmat or football and determining an offensive or defensive attack strategy weighing the risks against the benefits.

***Law Enforcement Response to Weapons of Mass Destruction Incidents (35 minutes) – DVD***

This video shows live footage and discusses the specifics of the intentional Alfred P. Murrah Federal Building explosion in Oklahoma City. The video then discusses how and what law enforcement and other responders should do when faced with a weapon of mass destruction.

***Liquefied Natural Gas (30 minutes) – DVD***

Created by the NASFM under a contract with the Pipeline and HazMat Safety Administration this DVD covers the physical properties of liquefied natural gas (LNG), design of LNG containers, storage facilities and transport ships, correct loading, storage and transportation, potential failure scenarios, accident response strategies, 4 lines of defense to reduce consequences, federal safety standards, and security regulations.

***Locomotive Emergency Response Operations (28minutes) – DVD***

From the DOT Federal Railroad Administration Office of Research and Development this DVD is about how trains are safe. It covers the impact of train wrecks on people, business, and the environment and how important it is for emergency responders to be prepared and plan ahead in case of a train incident. It will assist all kinds of emergency responders to know how to deal with all kinds of train accidents.

***Motive, Means and Opportunity (75 minutes) – DVD***

This video leads you through an arson investigation including the motivation of the arsonist; setting of the fire; cooperation between law enforcement and fire service; identification, documentation and collection of evidence; interface of a forensic laboratory, the insurance claim and investigations; and a mock courtroom examination of an expert origin and cause witness.

***Naval Nuclear Propulsion Program and State of Kansas - Transportation Exercise (20minutes) – DVD***

This DVD is about naval spent fuel rail shipments and recommended emergency response actions to an accident involving a naval spent fuel shipment. It shows excerpts from a June 2004 naval spent fuel shipment accident exercise conducted with the State of Kansas, City of Topeka and the Union Pacific RR.

***Protective Actions: Evacuation/Shelter in Place (15 minutes) – DVD***

Distributed by the Emergency Film Group, this video is intended to provide training to personnel who may be involved in ordering or carrying out protective actions like incident commanders, hazmat teams, law enforcement, dispatchers, emergency managers, firefighters and building managers. It explains the difference between evacuation and shelter-in-place, issues to take into account, steps to take for both actions and orderly post-incident return of evacuees. A CD ROM is included with a power point presentation.

***Response to Illicit Drug Labs (22 minutes) – DVD***

This video provides training to emergency responders who may find or respond when a drug lab is involved. It focuses on meth, the most common drug lab issue and describes the hazards to responders, 3 potential conditions found, how it's processed and manufactured, and the safety procedures to follow when dealing with a lab. A special feature, "Hazmat for Meth Labs" tells what you need to know about the hazards of chemicals at a meth crime scene. A power point presentation is included on a separate disc.

***School Bus Extrication – (40 minutes) – DVD***

Created by Fire Engineering and Penn Well, this video trains firefighters to deal with all aspects of school bus extrication. The variety of sizes and many uses of school buses makes them prevalent. You learn the problems you'll face; school bus types, features and construction; potential for mass casualties; rescue and extrication techniques; considerations; tactics; and incident preparation.

***Surviving Weapons of Mass Destruction (12 minutes) – DVD***

First responders face many possibilities whenever they respond, not knowing how or what kind of exposures could await them or how quickly things can change or escalate. Tips include: Stop, look and listen; resist the urge to rush in; approach from upwind; stay clear of spills, vapors, and smoke; remember to be mindful of enclosed or confined spaces. This is narrated by Author Tom Clancy.

***Tactical Considerations at Grain Elevator Fires (26 minutes) – DVD***

This video addresses the need for pre-fire planning of grain elevators that includes a set of standard operating procedures. It covers specific data that should be collected at the site including: elevator capacity, property dimensions, construction materials, entrances/exits, machinery on site, storage areas, location of electrical panels and water supply, populations at potential risk and rescue equipment that may be needed. It encourages use of the **GEDAPER** incident management system: **G**ather info, **E**stimate course and harm, **D**etermine strategic goals, **A**ssess options/resources, **P**lan and implement actions, **E**valuate and **R**evue.

***Terrorism: First Response (28 minutes) – DVD***

Created by the Emergency Film Group this video was designed to assist emergency responders who may be first on the scene. It covers explosives, chemical, biological and radiological terrorist attacks. Other topics include: categories of terrorist weapons, profiling targets, Incident Command, size-up of an incident,

protective equipment, search and rescue, and managing evidence. Also included is a Self-Test, a menu of chapters for ease in selecting the topics you wish to cover, a Leader's Guide and Special Features that include several topics like: confined space, biological weapons and terrorism previews.

***Weapons of Mass Destruction and the First Responder (26 minutes) – DVD***

This video was created by the Office of Justice Programs to help the first responder if they find themselves responding to a terrorist situation involving weapons of mass destruction. It covers how fire, hazmat and emergency medical personnel can respond appropriately with training and practice.

***What If No One Answered the Call? (10 minutes) – DVD***

This video was created with help from the National Volunteer Fire Council to assist departments with recruitment efforts. It encourages young people to get involved in their communities by volunteering to become a firefighter or emergency medical technician. With 75% of our fire departments being volunteer and grossly understaffed, this video asks “what would you do if there is a fire and no one responds?”

***Where's the Water (13 minutes) – DVD***

This video produced by Fire Service Extension at Iowa State University tells the viewer all they need to know about water and water pressure and how it may impact the quality of the water stream at a fire scene. Concepts include: friction loss, head, velocity, pressure and water hammer.

***Wildfire Behavior in Fine Fuels (25 minutes) – DVD***

This video teaches viewers about the wildfire triangle, the three components are: weather, topography, and fuel. Within fuels it covers the size, percent of moisture and arrangement. It discusses the types of fuels in terms of burning times, the ten standard firefighter operating orders and the 8 dangerous situations. In each firefighter fatality caused by a wildland fire, two or more of these have been in play. Produced by Forestry Departments of Kansas State University & University of Nebraska & funded by the US Forestry Service.

## **GENERAL INTEREST – JUVENILE FIRESETTING – COMPLETE LIBRARY**

***Complete Juvenile Firesetting Library – (times vary) – DVD***

This disc was created by The Idea Bank and includes 6 videos. It is an exceptional resource to use with children, parents and other caregivers, community partners and more.

***Child Firesetting and Juvenile Arson (8 minutes) – DVD***

This video looks at the issue of juvenile firesetting as a community problem that requires a community response. This would be an excellent introductory training to show how important it is to pull together multiple resources including fire, law enforcement, judicial, mental health, schools, and caregivers.

***In Their Own Words (10 minutes) – DVD***

This video looks at the stories of how fire changed the lives of three children, Domingo, Amy and Jason, who experimented with or intentionally set fires.

***Four Years After – (8 minutes) – DVD***

This is the sequel to *In Their Own Words*, and takes another look at Domingo, Amy and Jason to see how each has dealt with the consequences of their actions, living with burn injuries, continuing to work hard to make restitution, and reviewing their overall progress.

***Interviewing Kids At Risk (10 minutes) – DVD***

Motivation is the key to understanding why kids start fires so this program looks at how to build rapport, use props, drawings, etc. to earn a child's trust and get them to talk about what happened. The personal style of the interviewer and the child's age may impact the situation.

***Family Focus (45 minutes) – DVD***

Created by The Idea Bank, this video looks at firesetting from several points of view, a young offender, a grandmother, an older child charged as an adult and two moms, one with a son, the other with a daughter. The viewer can look at one or all of the stories which run about 4 minutes each with 1 minute points of discussion. An Educator's Guide is included with many discussion segments.

***Making Good Choices About Fire Safety (10 minutes) – DVD***

Created by The Idea Bank, this video begins with a high school student, Amy who is creating a special project to present at a school assembly on making good choices about fire safety, included on the DVD under Special Features are points of discussion, responsibility, real fire, curiosity, where we feel safest, trusting and restitution. Finally, in the Songs section are two catchy tunes.

## **GENERAL INTEREST – JUVENILE FIRESETTING INTERVENTION**

***Family Focus (45 minutes) – DVD***

Created by The Idea Bank, this video looks at firesetting from several points of view, a young offender, a grandmother, an older child charged as an adult and two moms, one with a son, the other with a daughter. The viewer can look at one or all of the stories which run about 4 minutes each with 1 minute points of discussion. An Educator's Guide is included with many discussion segments.

***Grandpa Joe's Secret (12 minutes) – DVD***

In an effort to communicate to his grandson how dangerous matches and lighters can be, Grandpa Joe tells a story of himself as a boy when he burned down his clubhouse, causing danger to himself and many others around him.

***Juvenile Firesetting: A Community Guide to Prevention and Intervention – Handbook on CD***

This is a handbook on CD created by Fireproof Children and Prevention First in 2006 to deal with the issues of juvenile firesetting and the need for a comprehensive prevention and intervention program. The program includes five sections on Understanding the Problem, the Fire Service Role, Education, the Mental

Health Professional's Role, Juvenile Firesetting and the Community, along with Appendices that provide samples, exercises and other resources.

***Making Good Choices About Fire Safety (10 minutes) – DVD***

Created by The Idea Bank, this video begins with a high school student, Amy who is creating a special project to present at a school assembly on making good choices about fire safety, included on the DVD under the “Special Features” section are points of discussion, responsibility, real fire, curiosity, where we feel safest, trusting and restitution. The “Songs” section contains two catchy tunes.

***Sean's Story: My life torn apart by firesetting (17 minutes) – DVD***

Created by the University of Michigan Trauma Burn Center with funding from the Assistance to Firefighters Grant Program, Fire Prevention and Safety Grants, this DVD tells the story of Sean, a convicted juvenile arsonist who shares his story so viewers witness firsthand the life-long negative impact that firesetting has on youth/parents reputation, community acceptance, family relationships, education, career, financial status, legal liability, incarceration, and injury to self and others. Experts from law enforcement, juvenile justice, and healthcare provide insight into fire misuse behavior and consequences that youth and their parents typically do not consider. Excellent teaching tool

***Striking Out with Matches (13 minutes) – DVD***

This program explores Jimmy, a 12 year old juvenile who has an obsession with matches. He plays with matches and eventually starts a fire with tragic results. A series of fatal mistakes can be discussed with children: playing with matches, removing the battery from the smoke alarm, and going back inside to rescue his sister before calling 911. Appropriate for older elementary and middle school children.

***To Hell and Back: Community Awareness + Juvenile Firesetters (30 minutes) – DVD***

This is a burn education and prevention program for high school students, adults and juvenile firesetters as it demonstrates the realities of burn injuries by following 4 painters who were seriously burned in a vehicle accident. Utilizing the real-life experiences of burn survivors, the People's Burn Foundation and a national team of experts built this program to teach the lifelong impact of severe burn injuries and the importance of being proactive in practicing burn prevention because most burn injuries are preventable.

## **GORDON J. GRAHAM SERIES**

***Fire Service Operations: Why Things Go Right, Why Things Go Wrong (44 minutes) – DVD***

This program shows the consequences of not doing things right including: civil liability, personnel injury, organizational embarrassment, internal investigations, and criminal investigations. If an incident is highly predictable it is also highly preventable.

***Fire Department Sexual Harassment Law, Policy and Techniques for Elimination (56 minutes) – DVD***

This program explains sexual harassment, the law, the importance of having policies, training employees on the policies and refresher training of employees to reinforce the policies. This specifically covers what issues present to a fire department.

***Fire Department Civil Liability: The True Story (53 minutes) – DVD***

This program explains Presents: Issues & answers in preventing "GRECL's" (Graham's Rules for the Elimination of Civil Liability).

## **HAZMAT AWARENESS**

***Hazmat Recognition (16 minutes) -DVD***

This course presents information critical to recognizing hazardous materials. The seven threats posed by hazardous materials are outlined as well as the clues to watch for when responding to any incident. Also included is a detailed review of common locations and containers where hazardous materials are stored.

***Hazmat Identification (17 minutes) - DVD***

Firefighters are often the first on the scene of incidents involving unconfined hazardous materials, and they are often called on to identify the material and take the appropriate action. In this program, viewers will learn the nine hazard classes defined by the U.S. Department of Transportation or DOT, the DOT marking signs used in transporting hazardous materials, how to use the Emergency Response Guidebook and the NFPA 704 marking system.

## **HAZMAT/WMD – EMERGENCY RESPONDERS**

***A Critical Difference (12 minutes) – DVD***

An overview of the planning needed to handle hazardous materials incidents. This program touches on local emergency planning committees, responsibilities of local government as well as training and equipment requirement for firefighters and emergency responders.

***Anhydrous Ammonia (20 minutes) – DVD***

This DVD provides some basic information about anhydrous ammonia. It shows how to keep anhydrous ammonia under control by showing the viewer the facts as well as the effects on the body, necessary personal protective equipment, basic first aid, tips on how to avoid personnel exposure, how to prevent releases, and how to respond to industrial emergencies.

***Anhydrous Ammonia Incidents for Emergency Responders (30 minutes) – DVD***

The EPA, various State of Oklahoma organizations and industry leaders came together to create this DVD to show safe and effective ways to deal with anhydrous ammonia incidents in outdoor settings. The viewer should check with their state and local enforcement agencies to be sure the techniques shown are acceptable in your area. Personnel should avoid anhydrous ammonia unless human life is at risk. Personnel should be trained to deal with these types of emergencies if the potential for such exposure exists.

***Anhydrous Ammonia Training Tour (Total Package Time 4 Hours) – DVD***

Presented by TRANSCAER® and The Fertilizer Institute, this training package has a 6-minute introduction that establishes the training goals. The package is designed to stand on its' own and includes videos presentations, video tours of hand-on container segments, power points and presenter's notes. The training is divided into 4 units or blocks including: Properties of Anhydrous Ammonia (57 minutes), Transports and Nurse Tanks (30 minutes), Railroad Emergency Response (48 minutes) and Emergency Response (65 minutes). There is a 3 minute conclusion and guidelines for instructors on how to use the package, student manual, and promotional tools.

***Awareness for Initial Response to Hazardous Materials Incidents (20 minutes) – DVD***

This DVD was designed for fire department, law enforcement, EMS and other emergency response agencies, highway departments and anyone else who may be the first to arrive on the scene of a hazardous materials incident.

***Caution, Ammonia: Handle with Care (50 minutes) – DVD***

This tape was prepared by Farmland Industries, Inc. to inform the viewer of the nature and characteristics of Anhydrous Ammonia. It is divided into 11 segments covering all aspects of the product from storage to application. Safety is stressed throughout as well as emergency procedures to follow in case of accidental exposure or contact.

***Chemical Safety Board Accident Scenarios, Findings & Recommendations (20 minutes) – DVD***

Exceptional video for first responders, but could also be used with community coalitions and possibly other groups. A combination of live footage, computer simulations and reenactments on a number of chemical spills, propane BLEVE, gas leaks, and vapor cloud releases with valuable information on what happened and what should have happened. Excellent information on how a community should plan, prepare, train, and communicate before, during and after a chemical incident.

***Chemical Safety Board Accident Scenarios, Findings & Recommendations (times vary) – DVD***

This DVD includes two discs with accident scenarios from 2005 through 2008. Each situation includes live footage as well as simulations with the CSB findings and recommendations so such things don't happen again. The topics/titles include: Death in the Oilfield (8 minutes), Fire from Ice (13 minutes), Static Sparks Explosion in Kansas (11 minutes), Emergency In Apex (17 minutes), Anatomy of a Disaster (55 minutes), Reactive Hazards (20 minutes), Public Worker Safety (8 minutes), Explosion at Formosa Plastics-Illinois (11 minutes), Hazards of Nitrogen Asphyxiation (12 minutes), Fire at Formosa Plastics-Texas (8 minutes), Dangers of Propylene Cylinders (8 minutes), Ethylene Oxide Explosion at Sterigenics (9 minutes), Danger of Flammable Gas (Acetylene) Accumulation (7 minutes), Preventing Harm from Sodium Hydrosulfide NaHS (7 minutes). Disc II includes: Half an Hour to Tragedy: Propane Explosion (23 minutes), and Blast Wave in Danvers (20 minutes).

***CHEMTREC® – An Overview for Emergency Responders (14 minutes) – DVD***

CHEMTREC is the Chemical Transportation Emergency Center, an initiative of the American Chemistry Council and a leader in the hazmat response community. It is a 24-hour resource (1-800-424-9300) for emergency responders, manufacturers, shippers, consignees, carriers and the government to call into and receive immediate information practically anywhere in the world (translation services in 170 languages). They will fax, email or talk you through the situation. They provide information on all classes of hazardous materials and have chemical, medical, biological and toxicological experts available at all times. This service is free to anyone, anytime. CHEMTREC is NOT a governmental agency - it is owned by the Chemical Manufacturers and belongs to the American Chemistry Council.

***Chlorine (Cl) Emergencies: An Overview for First Responders – (21 minutes/Chapter) – DVD***

This DVD is divided into 8 Chapters including: Introduction; Pre-Planning and Coordination; Identifying the Call; Responding to the Incident; On-Scene Procedures; Medical Response; Mitigation Techniques; and Post-Response Evaluation. In addition there are 10 Special Tabs that run from 2 – 10 minutes and cover: Cl Overview and Uses; Chemical/Physical/Reactive Properties; Site Safety Plan; Community Awareness; Personal Protective Equipment; Health Effects; Transport; Disposal Options; Mitigation; and Dispersion and Ecological Effects. This DVD will provide first responders with all the information they need to respond effectively to a chlorine emergency, putting as few people at risk as possible.

***Emergency Response: Your Rights & Responsibilities (19 minutes) – DVD***

This DVD provides fire departments with some basic information including the Superfund Amendments and Reauthorization Act (SARA) that required OSHA to develop standards to protect workers involved in hazmat waste operations and response. It reviews the OSHA final rule including minimum requirements for emergency response for training, PPE, ICS, and post emergency cleanup operations. EPA has issued a rule identical to OSHAs. It reviews who is expected to be covered by the rules and in what circumstances.

***First on the Scene (32 minutes) – DVD***

This video was prepared by the Chemical Manufacturers Association to help first responders survive when they encounter a hazardous materials situation. What happens in the first few minutes of an incident can determine the outcome of the event so the actions of the first responder are very important. This video does not teach the first responder how to deal with hazardous materials.

***HazMat/WMD Awareness (24 minutes) – DVD***

Created by the Emergency Film Group, this program teaches the Awareness Level competencies for OSHA 1910.120, the Hazwoper Rule, as outlined by NFPA 472. It teaches emergency personnel to: identify the presence of hazmat or WMD at an incident, survey an incident from a safe location to identify labels and placards, understand the US DOT Hazard Class System, recognize the signs of a terrorist attack, collect hazard info from the Emergency Response Guidebook, initiate protective actions, and notify appropriate responders. This includes a Leader's Guide.

***Hydrogen: A Matter of Safety (21 minutes) – DVD***

This DVD shows the new energy technologies using hydrogen-powered fuel cells for transportation. It shows how the hydrogen fuel cells were developed, safety related characteristics, dealing with hydrogen leaks, managing hydrogen fires and safe design and installation for use of hydrogen cells in vehicles.

***Incident Command System for HazMat Incidents – 2 DVD Set***

***Overview of the ICS for HazMat Incidents (20 minutes) – DVD***

This DVD presents general information about the Incident Command System (ICS) with four training objectives: present the benefits of using the ICS, describe the eight components of ICS, show the five function areas of ICS, and demonstrate ICS at a hazmat emergency.

***Implementing the ICS for HazMat Incidents (20 minutes) – DVD***

Required by OSHA regulations 29 CFR 1910.120 the ICS must be used at all hazardous material incidents. The ICS defines command structure, limits span of control, adapts to changing conditions, and is effective for all types of incidents. In this DVD they describe six hazmat positions in ICS, demonstrate functions of ICS hazmat positions and present role of allied agencies. It takes you step-by-step through a hazmat incident, shows how ICS units function & interface at an incident, demonstrates problems to watch for, and includes solutions to these problems.

***Oxidizers: Identification, Properties & Safe Handling (56 minutes) – DVD***

This DVD by the Chemical Manufacturers Association is designed to explain and demonstrate the hazards of a class of chemicals called oxidizers and the precautions that should be taken to protect emergency response personnel and others at an incident.

### ***Propane, Butane and Propylene: HazChem 9 – (30 minutes) – DVD***

Created by the Emergency Film Group this video explains these liquefied petroleum gases. It was designed to provide training and assistance to those who might respond to an LPG incident, describe where these gases are found, basic hazard properties, outline the basic techniques, safe storage and handling, and procedures for emergency action in the event of uncontrolled releases or fires. Also included on this DVD is a Self-Test, a menu of chapters for ease in selecting the topics you wish to cover, and bonus materials.

### ***Propane Emergencies (48 minutes) – DVD***

This DVD is one part of a comprehensive training program created by the National Propane Gas Association and the Propane Education and Research Council for firefighters and industry personnel who work with or who may need to respond to an emergency incident involving liquefied petroleum gas. This DVD explains the eight step process that includes: site management and control; identification of the problem; evaluation of the hazards and risks; selection of PPE, information management and resource coordination; implementation response objectives; decontamination; and terminating the incident. This training program includes a Companion Text and Facilitator's Guide. Special emphasis is on hazard and risk assessments, mitigation strategies and mitigation tactics.

### ***Weapons of Mass Destruction Basic Awareness Training – 2 Disc Set – CD-ROM***

The Office of Domestic Preparedness in the U.S. Department of Homeland Security developed this training to provide a basic understanding of weapons of mass destruction, the threat of terrorism, and the appropriate response. As a companion to this set, support is available at [www.wmd-training.org](http://www.wmd-training.org).

## **INCIDENT SAFETY OFFICER**

### ***Roles and Responsibilities (22 minutes) - DVD***

This program presents **part 1** of the role of the Incident Safety Officer. An overview of the responsibilities and general duties of an ISO as established by NFPA 1521 is presented. Also reviewed are the essential professional characteristics required for this role, including effective communication techniques.

*This program teaches to:*

**NFPA 1500:** Standard on Fire Department Occupational Safety & Health Program

**NFPA 1521:** Standard for Fire Department Safety Officer Professional Qualifications

**NFPA 1561:** Standard on Emergency Services Incident Management System & Command Safety

**NFPA 1026:** Standard for Incident Management Personnel Professional Qualifications

### ***Incident Scene Safety (27 minutes) - DVD***

This program presents **part 2** of the role of the Incident Safety Officer at various types of emergency incidents. Assessment and safety considerations are presented for incidents such as structural firefighting operations, technical rescues, hazardous materials incidents, and MCI's.

*This program teaches to:*

**NFPA 1500:** Standard on Fire Department Occupational Safety & Health Program

**NFPA 1521:** Standard for Fire Department Safety Officer Professional Qualifications

## **INVESTIGATIONS (FIRE)**

### ***Interviewing and Interrogation: The Reid Technique – 4 Units (69 minutes) – DVD***

Produced by the Law Enforcement Resource Center in cooperation with John E. Reid and Associates, this four-part program includes a DVD and Facilitator's Guide. This set is the result of conducting hundreds of interviews and interrogations over the years and is based on sound psychological principals. When properly

used, it will assist you and/or your students in learning how to conduct effective interviews and interrogations.

*Unit 1 – The Psychology of Interviewing (17 minutes)*

*Unit 2 – Verbal Behavior Analysis (19 minutes)*

*Unit 3 – Nonverbal Behavior (16 minutes)*

*Unit 4 – Nine Steps of Interrogation (17 minutes)*

### ***The First Responder’s Role in the Fire Investigation (22 minutes) – DVD***

This is part of the First Responder Training Program provided by the International Association of Arson Investigators, Inc. which explains the importance of the first responders who are vital to understanding what is going on with a fire long before the fire investigator is called to the scene. The four important steps at the scene are to observe, preserve, document and communicate what you know to the fire investigators as soon as possible. Look at and note the color of the smoke, the smells, doors and windows, the behavior of the fire, location, the crowd, overhaul, flames, and the victims. Visit [www.cfitrainer.net](http://www.cfitrainer.net) for additional resources and an online training module that supports this program.

### ***Investigation - 4 DVD Set –***

This 4 DVD set was created by “Leaders in Emergency Response Training”, A Detrick Lawrence Production and covers all aspects of investigation. A written guide books accompany each DVD.

#### ***Introduction to Investigation (28 minutes)***

This DVD explains why investigations are carried out and covers all the elements that are fundamental in every investigation, including: examining the scene, interviewing witnesses, gathering and maintaining evidence, writing reports and carrying out follow-up activities.

#### ***Accident Investigation (20 minutes)***

This DVD covers mechanical accidents, including those resulting from the use or misuse of equipment, occupational illness, line of duty death and accidents involving motor vehicles. It emphasizes the use of findings to create a safer work environment.

#### ***Fire Investigation (28 minutes)***

This DVD examines fire behavior and the role of fire suppression activities in fire spread. It explains how to search the fire scene to determine the point of origin of the fire, the fuel that was ignited, the source of ignition, and actions that brought ignition and the fuel together.

#### ***HazMat Investigation (20 minutes)***

This DVD studies investigations of hazardous materials leaks, spills and explosions. It explains the importance of recognizing the presence of hazardous materials and covers ways containers fail, the need for instrumentation and personal protective equipment.

## **MAKING A DIFFERENCE – THE FIRE OFFICER’S ROLE**

Created by Emergency Resource, this is a nine DVD set that includes an Introduction and 8 Modules taught by Retired California State Fire Marshal Ron Coleman. Written materials are included.

#### ***Intro – Introduction to Fire Service Management (54 minutes)***

***Module 1 – Interpersonal Dynamics: Getting Along & Getting Through (68 minutes)***

***Module 2 – Lead, Follow, or Get Out of the Way (45 minutes)***

***Module 3 – A Symbol is a Promise: Organizational Dynamics (57 minutes)***

***Module 4 – The Bottom Line: Problem Solving & Conflict Resolution (50 minutes)***

***Module 5 – Building Your Team (45 minutes)***

***Module 6 – Developing Your Game Plan; Getting the Job Done (29 minutes)***

***Module 7 – Coaching for Top Performance: Evaluations (35 minutes)***

***Module 8 – Professionalism: A Roadmap to Achievement (40 minutes)***

## **MASTERING FIREGROUND COMMAND – CALMING THE CHAOS**

***Multiple Family Dwellings/Apartments (51 minutes)***

Anthony Kastros provides a real world application of the Incident Command System (ICS) with focus on the use of the ICS during fires involving multiple family dwellings/apartments.

***Commercial Buildings (73 minutes)***

Anthony Kastros provides a real world application of the Incident Command System (ICS) with focus on the use of the ICS during fires involving commercial buildings.

## **MASTERING THE FIRE SERVICE ASSESSMENT CENTER**

***Mastering the Fire Service Assessment Center (44 minutes)***

Anthony Kastros, a 19 year veteran in fire service will help you discover the key knowledge, skills, and abilities needed to succeed in the assessment center promotional process. His matter- of- fact style makes it easy to understand and retain. You will learn how to truly prepare for the position by making the mental paradigm shift from test candidate to incumbent officer. Student will learn what an assessment center really is and gain in-depth understanding of how to develop the KSAs to succeed in the test and the position.

## **NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)**

***Cook Co Administration Bldg Fire/Heat Release Rate Experiment & Simulation (11 minutes) - DVD***

This DVD contains the fire dynamics simulator (FDS) simulation, test videos and report on the fire on the 12<sup>th</sup> floor at the Cook County Administration Building in Chicago, IL. No audio. The simulation is a physics-based computer fire modeling of the building using the NIST - FDS and smoke-view to show the difference between a non-sprinklered and a sprinklered building.

***Evaluating Fire Fighting Tactics Under Wind Driven Conditions (86 minutes total) – DVD***

This DVD set has no audio and begins with a review of the fire experience in Chicago and New York that provided the motivation and basis for this research program. This follows with presentations summarizing the experiments that are documented in this DVD. Data and videos are used to show conditions in a wind driven structure fire as well as tactics and tools used to reduce the hazards.

***Dorm Sprinklered/Unsprinklered – College Dormitory Room Fires (10 minutes) – DVD***

This DVD was created by NIST, FEMA and the USFA to show a college dormitory fire safety sprinklered and non-sprinklered room fire comparison with a waste basket ignition. In addition, the 2001-2005 issues of the [www.fire.gov](http://www.fire.gov) electronic newsletter of fire research are available.

***If Buildings Could Talk . . . iBR intelligent Building Response (15 minutes) – DVD***

The “intelligent Building Response” (IBR) project at the NIST is about getting building sensor information out of a building and presenting it in real-time in useful ways to fire, police, and others as they respond to a building emergency. This also contains a 10 minutes introduction to the iBR system.

***Impact of a Residential Sprinkler on the Heat Release Rate of a Christmas Tree Fire – DVD***

This DVD contains a report on the impact of residential fire sprinklers on the heat release of a Christmas tree, with full scale room experiments and heat release rate experiments. By following the directions under the WMV files you will be able to bring up the entire written report. No audio.

***Impact of Sprinklers on the Fire Hazard in Dormitories: Day Room Experiments – DVD***

This DVD contains multiple experiments of fires in day rooms in dorms with and without sprinklers from a variety of views. The contents of the disc are not copy protected so they can be used in presentations, etc. To read the report NISTIR 7120, go to “My Computer”, right click DVD, then right click “Explore” it will show what is on the disc, click on the report number above in PDF format.

***Impact of Sprinklers on the Fire Hazard in Dormitories: Sleeping Room Experiments – DVD***

This DVD contains multiple experiments of fires in day rooms in dorms with and without sprinklers from a variety of views. The contents of the disc are not copy protected so they can be used in classes and presentations, etc. To read the report NIST TN 1658, go to “My Computer”, right click DVD, then right click “Explore” it will show what is on the disc, click on the report number above in PDF format.

***Pine tree, Sofa/Living Room & Open Floor Plan Office Workstation Flashovers (10 minutes) – DVD***

This DVD contains flashover footage of a dry scotch pine Christmas tree, a standard living room with upholstered sofa, love seat and other furnishings and an open floor plan office workstation. Footage shows first flame to flashover. In addition, the 2001-2005 issues of the [www.fire.gov](http://www.fire.gov) electronic newsletter of fire research are available.

***Positive Pressure Ventilation Research – Videos and Reports (26 minutes) – 2 Disc DVD***

The objective of these DVDs is to improve firefighter safety by enabling a better understanding of structural ventilation techniques, including positive pressure ventilation (PPV) and natural venting. Ventilation is a technique used by the fire service to remove smoke, heat and other contaminants from a structure in order to perform other tasks in a more tenable atmosphere. A series of 28 tests are documented. Disc 2 covers a high-rise building experiment. The DVD also covers what was learned through the testing.

***Simulation of the Dynamics of the Fire at 3146 Cherry Rd NE Washington DC (25 minutes) – DVD***

This is a written report that describes the results of calculations using the NIST Fire Dynamics Simulator (FDS) that were performed to provide insight on the thermal conditions that occurred during the fire in Washington, DC. The calculations that best represent the actual fire conditions indicated that the opening of the basement sliding glass doors provided outside air (oxygen) to a pre-heated, under ventilated fire compartment, which then developed into a post-flashover fire within 60 seconds.

***Simulation of the Dynamics of the Fire in a One-Story Restaurant – Texas (13 minutes) – DVD***

A fire in a one-story restaurant in Texas claimed the lives of two firefighters, so NIST examined the fire using the NIST Fire Dynamic Simulator (FDS). To read more about the incident and the fire department report, see the NIOSH, Death in the Line of Duty Report # F2000-13.

### ***Simulation of the Dynamics of the Fire in a Two-Story Duplex – Iowa (12 minutes) – DVD***

Using the NIST Fire Dynamic Simulator this DVD looks at a fire in a two-story duplex that claimed the lives of 3 children and 3 firefighters. The fire started in plastic materials on the stove and went to flashover in 60 seconds with temperatures in the living room going from 400-600°F to over 1100°F in less than a minute. The quick change in thermal conditions and flame spread led to the 3 firefighters being trapped and succumbing to the effects of the fire environment. To read more about the incident and fire department report, see NIOSH, Death in the Line of Duty Report # F2000-04.

### ***Structural Collapse DVD Videos and Reports (times vary) – DVD***

This DVD includes residential videos, warehouse videos and reports. There is no audio. The residential structures section includes: Test 1 – shingles over plywood, Test 2 – tile over plywood, Test 3 – shingles over Oriented strand board (OSB) and Test 4 – tile over oriented strand board (OSB), each segment runs about 16 minutes. The warehouse videos include front half and back half, each segment runs about 23 minutes. Three reports in PDF format are also available.

## **PRIDE AND OWNERSHIP-2 DISC SET**

### ***Pride & Ownership, A Firefighter's Love of the Job (5 hours)***

Chief Rick Lasky presents his renowned full day seminar on instilling pride and ownership in the fire service. Throughout this one-of-a kind presentation, Chief Lasky offers upfront and honest criticism on the need to reignite the love of the job at every level, from chief down to probie. Topics covered are: The Company Officer, The Chief, Our Two Families, Sweating the Small Stuff, Marketing your Fire Department and many more.

## **PUMPING APPARATUS SERIES – 5 DVD SET**

This 5 piece DVD series was created by Action Training Systems, Inc. and follows the International Fire Service Training Association (IFSTA) validated Fire Protection Publications manual, Fire Department Pumping Apparatus, 7th Edition.

### ***Safe Operation of Emergency Vehicles – (18 minutes)***

This video covers safe operation of emergency vehicles, focusing on pumping apparatus but applies to all emergency vehicles. The objectives are: safe driving techniques, how to start and operate both gas and diesel fire apparatus, with demonstrations of the practical driving exercises in NFPA 1002.

### ***Positioning Apparatus – (21 minutes)***

This video demonstrates the correct positioning of pumping apparatus for different functions like fire attack, water supply and highway operations. The objectives include: factors for positioning attack pumpers, positioning water supply pumpers, positioning for special operations, demonstration for staging procedures, and to show the tactical considerations of operations on limited access highways,

### ***Operating Fire Pumps – (21 minutes)***

There are three common sources of water supply for pumping activity they include the water supply tank mounted, hydrants, or waters sources for drafting. This video shows how to use the pumper with water from various sources including: how to operate the pump using water in the apparatus tank, demonstration on how to operate the pump using an external pressurized water supply and finally it shows how to operate the pump from a draft source of water.

### ***Apparatus Maintenance and Inspection (18 minutes)***

This video provides guidelines for establishing a systematic method of maintenance and inspection for apparatus; demonstrates daily, weekly, and periodic maintenance of the apparatus and equipment carried on the apparatus; demonstrates inspection and preventive maintenance of the fire pump; and how to keep records.

### ***Water Shuttle & Relay Pumping (17 minutes)***

This video shows water shuttle and relay pumping methods, it emphasizes good decision making before the operation begins including where to put the dump site, where to position at the fill site and the travel route between the two places. It also emphasizes that these decisions should be made during the pre-incident planning when you are not under the pressure of an incident.

## **THE RIGHT SEAT, OFFICER DEVELOPMENT-VOLUMES 1 & 2**

### ***Volume 1 (68 minutes)***

The DVD's address various relational issues that company officers face in the firehouse. Volume 1 contains ten scenarios that range from a senior firefighter undermining an officer to the chief and not wearing PPE. Each scenario is followed by a panel of active company officers from around the country discussing the situations and talking about what they would do.

### ***Volume 2 (75 minutes)***

*This DVD contains ten scenarios that range from a confrontation with the public to pranks in the firehouse that get out of hand.*

## **TANKER OPERATIONS – 3 PART DVD SET**

This is a three part DVD series created by Fire Service Training Programs with each program building on the information presented in the previous program. Even though most of the earth is covered with water, establishing and maintaining a reliable supply of water for fire suppression can be challenging. Rural fire departments seldom have the luxury of having water piped to the scene so they have had to develop reliable water supplies from a variety of water sources and design unique delivery systems for hauling every drop of water to the scene of a fire.

### ***Part One – Function, Classification and Construction of Tankers – (30 minutes)***

This segment will cover function, classification, construction and methods for loading and unloading water transporting apparatus referred to for brevity and common understanding by the fire service as tankers. It covers multiple reasons why a fire department might have to transport water in addition to fighting fires.

### ***Part Two – Pre-Fire Planning (30 minutes)***

This segment will provide detailed, step-by-step information on pre-fire planning in preparation for efficient utilization of personnel, equipment and resources.

### ***Part Three: Rural Tanker Evolutions – (1 hour, 30 minutes)***

In this segment all the elements of pre-fire planning are brought together. It explains how to calculate water flow demand which is measured in gallons per minute (GPM), and how to meet that demand through typical tanker evolutions. This video shows you how to calculate how much water you need and how much time it will take, including unloading, travel to and from, and supply time.

## **TEN COMMANDMENTS OF TRUCK COMPANY OPERATION—2 DISC SET**

*Ten Commandments of Truck Company Operations- (6 hours and 7 minutes)*

Internationally acclaimed author and lecturer Chief John Mittendorf covers the ten precepts of truck company operations based on his highly sought- after truck company operations class. These commandments address the ten crucial areas of focus for a “truckie” on the fireground.

## **TOOLS OF THE TRADE – FIREFIGHTING HAND TOOLS – 4 DVD SET**

This DVD series was created by Fire Engineering and PennWell. It will cover hand tools that firefighters use on the job in different conditions and situations. In this 4 part series, Richard A. Fritz, University of Illinois Fire Service Institute discusses hand tools as the bread and butter carried on an apparatus, how to maintain the tools and use them properly.

***Part 1 – Cutting & Striking Tools – (26 minutes) – DVD***

In Part I hand tools used for gutting and striking are discussed since these are some of the most basic and common tasks a firefighter will handle. Among the tools covered are the pick head ax, the flat head ax, splitting maul, sledge hammer and Halligan bar.

***Part 2 – Push/Pull Tools – (33 minutes) – DVD***

In Part 2 push and pull tools are discussed including various sizes and types of pike poles and techniques for using them. Special pike poles discussed are the San Francisco hook, the Halligan or multi-purpose hook, the drywall hook and the LA trash hook. This video covers methods and techniques for using these tools. Also covered are the Boston rake and the EK hook. This video encourages departments to drill with these tools so they know how to use them properly. It also covers sharpening and maintenance of these tools.

***Part 3 – Prying Tools – (22 minutes) – DVD***

Part 3 covers prying which is a function that every firefighter has to perform on every fire scene, it is the mainstay to most forcible entries, ventilation procedures and rescues. There are a number of tools available to firefighters for prying, this video looks at three of them: pry bar, claw tool and the Halligan bar.

***Part 4 – Power Saws – (27 minutes) – DVD***

Part 4 looks at power saws which afford the firefighter efficient and effective cutting power over traditional hand tools. They help firefighters in bunker gear reduce fatigue and maintain energy levels by reducing the exertion required for the use of traditional hand tools. This video will look at the rotary saw and the chain saw, variations, operations, safety considerations and maintenance.

## **VEHICLE EXTRICATION – 3 DVD SERIES**

***Vehicle Technology – Alternative Fuel and Safety Systems (30 minutes)***

This DVD addresses the challenges and concerns in performing extrication on traditional and alternative fuel vehicles. It encourages responders to stay current on vehicle technology including airbags, rollover protection structures (ROPS), motive power, and construction considerations in order to maintain a safe extrication environment and increase the chances of a swift, safe and successful extrication.

***Scene Management (31 minutes)***

This DVD addresses the extrication process and how important it is to understand proper scene size-up and management in order to set up a safe and efficient extrication. This program covers scene safety, stabilization, and glass management, all skills important in allowing the responder to access and deal with patient considerations.

***Evolutions (39 minutes)***

This DVD reviews the basic evolutions that every extrication responder should be able to perform, and various tools available to most responders discussing which ones are appropriate for each task. This program covers the various side, roof, dash, and trench evolutions available.

**CURRICULUM/CAMPAIGN PACKAGES – EDUCATORS – FORMATS VARY**

***Get Out and Stay Alive – Student Housing Fire Survival Kit (16 minutes) – DVD & Written Materials***

This program was developed by the United States Fire Administration and FEMA in response to the devastating increase in fire deaths and injuries on college and university campuses and is available at no charge. The National Association of State Fire Marshals put together a CD titled “A Meeting of the Minds” that contains support materials including instructions on how to use the materials, a lesson plan, news clippings, color pamphlet, 20 questions to ask before signing a rental agreement, resource list, participant package, sample invitation, power point slides, and fire sprinkler facts. It includes a DVD, VHS, CD Resources, Facilitators Guide and brochure that can be reproduced. <https://www.des.umd.edu/video/stay.html>