

SOUTH DAKOTA FIRE MARSHAL OFFICE DVD and CD LIBRARY CATALOG



TRAINING MATERIALS FOR FIREFIGHTING, HAZMAT, RESCUE, AND FIRE PREVENTION.

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Welcome to the South Dakota Fire Marshal Office DVD and CD Library Catalog. The materials in this library are available for training purposes to fire and emergency services personnel in the state of South Dakota. The only cost to the user is the return postage to send the materials back to the South Dakota Fire Marshal Office.

Some of the materials in this library were provided free of charge from various fire service and public safety organizations. Others were paid for through Homeland Security and Hazardous Materials Emergency Preparedness funds.

Fire and emergency services personnel who wish to check out a DVD may contact the South Dakota Fire Marshal Office at (605) 773-3562 for further information on the check out process.

The materials are organized into ten chapters. The Table of Contents on pages 3-7 contains a listing of chapters, titles, and running times, along with the page numbers for each item's description. The descriptions for materials are found on pages 8-37.

Most of the library materials are DVDs, but there are also CDs with downloadable materials. Check the description for more information.

It is our goal to keep the materials in this library useful for a long time. Many of the discs are very expensive to replace. Please handle the materials with care and return them to our office immediately after use. Persons who damage or lose materials will be asked to pay the cost to replace the item(s).

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This 9 title series produced by the National Fire Protection Association (NFPA) and the International Association of Fire Chiefs (IAFC) offers detailed instructions for building fundamental firefighting skills. Skills are demonstrated and applied in a variety of drills. The topics and running times are listed below. Each disc has a video overview of the topic, and short video demonstrations of the skills to be learned.

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These DVDs cover the skills commonly learned in Firefighter I , and provide excellent review material for firefighters at every experience level.

FF101D – Firefighter Safety Part I - (19:36)

This course presents an overview of fire department and firefighter responsibilities under NFPA 1500. It 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.

FF102D – Firefighter Safety Part II – (24:13)

Discusses standard operating procedures and the importance of teamwork. Describes accountability systems and on-scene rehabilitation and their importance to safety. Presents survival methods for firefighters who become disoriented or trapped in fires. Identifies safe procedures for riding in apparatus, working on roadway emergency scenes, shutting off utilities at an emergency scene, and responding to electrical emergencies.

FF103D – Fire Behavior – (24:25)

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

FF104D – SCBA 1: Introduction – (25:38)

Presents the functions of each component of the SCBA system, safety features of various types of SCBA, limitations of the SCBA, and hazardous environments that require respiratory protection.

FF105D – SCBA 2: Use and Maintenance –(24:29)

Demonstrates correct SCBA donning and doffing techniques, inspection and care procedures, how to change cylinders at an emergency scene, and safety precautions and rules for using SCBA in emergency situations.

FF106D – Personal Protective Clothing – (25:05)

Lists the elements of the complete protective ensemble worn by firefighters and describes the functions and specifications for each element of personal protective clothing. Describes special clothing situations, firefighter responsibilities for the care and maintenance of turnout gear, and safety requirements for work uniforms and safety shoes.

FF107D – Portable Extinguishers – (25:09)

Can be used in public education, as well as fire service training. Presents the classification and rating system for extinguishers, types of hand-held extinguishers, and how to select the correct extinguisher for a fire. Presents steps for operating portable extinguishers and demonstrates how to extinguish fires using the most common types of fire extinguishers. Discusses extinguisher maintenance and demonstrates extinguisher inspection.

FF108D – Ropes and Knots – (26:43)

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 for hoisting equipment.

FF109D – Fire Control 1 – (18:28)

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

FF110D – Ladders 1 -(22:35)

Defines basic ladder terminology and 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. Shows ladder carries for one, two, and three firefighters.

FF111D – Ladders 2 – (18:11)

Shows factors that affect ground ladder placement, correct ladder placement to meet specific objectives, and ladder raises for one, two, and three firefighters. Demonstrates procedures for securing ladders, methods for climbing ladders, and how to place a roof ladder.

FF112D – Ventilation Basics and Horizontal Procedures –(20:18)

Describes the fundamentals of ventilation, including benefits and safety concerns, especially backdraft and flashover. Describes horizontal and vertical ventilation, positive pressure, negative pressure, and hydraulic ventilation. Demonstrates horizontal ventilation procedures.

FF113D – Vertical Ventilation – (25:49)

Describes safety precautions for rooftop operations, roof types and construction, and their impact in vertical ventilation. Shows how to determine the integrity of a roof system and basic indicators of a roof collapse. Demonstrates methods for opening flat and pitched roofs using a variety of techniques.

FF114D – Fire Hose Basics – (21:01)

Shows fire hose construction, sizes, uses, basic hose maintenance, and how to prevent hose damage. Identifies types of hose couplings, tools, and appliances and demonstrates hose roll methods.

FF115D – Handling Hose – (25:05)

Presents guidelines for loading hose and basic types of hose loads and finishes. Demonstrates common hoselays and methods for coupling and uncoupling hose.

FF116D – Advancing Hoselines - (23:52)

Demonstrates how to pull/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 and up a ladder, and how to hoist hose. Describes how to extend a section of hose and how to retrieve a loose hoseline. Shows basic procedures for operating and controlling attack lines.

FF117D – Fire Streams – (20:08)

Identifies basic sizes and types of fire streams and the advantages and disadvantages of each type. Shows the use and maintenance of different types of nozzles. Defines “water hammer” and shows how to prevent it.

FF118D – Forcible Entry – (19:51)

Identifies forcible entry tools and how they should be used and maintained. Demonstrates procedures for through-the-lock entry on doors and forced entry through different types of doors and windows.

FF119D – Fire Detection, Alarms, and Communication – (24:54)

Presents methods and technologies for receiving alarms from the public. Shows the basic components of fire alarm and smoke detection systems. Presents an overview of the communication center and systems for dispatching fire department personnel to an emergency. Demonstrates good radio procedures and procedures for routine and emergency communications.

FF120D – Lighting and Power Sources – (16:11)

Describes types of lighting used in the fire service, auxiliary electrical equipment, and power plants. Reviews safety considerations for using lighting and electrical equipment. Demonstrates how to set up electrical equipment, illuminate the emergency scene, and maintenance of lighting and portable power plants.

FF121D – Property Conservation: Salvage – (20:54)

Presents the benefits of good salvage operations to the public and the fire department. Demonstrates 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.

FF122D – Property Conservation: Overhaul – (20:34)

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

FF123D – Sprinkler Systems – (26:49)

Describes the effectiveness of sprinkler systems in saving life and property. Describes how sprinklers work and presents different types of sprinkler systems, components of sprinkler systems, and the locations and appearance of control and operating valves. Describes considerations for responding to fires in protected buildings.

Chapter Two – More Firefighter Essentials

These DVDs cover the skills commonly learned in Firefighter II and provide excellent review material for firefighters at every experience level.

FF201D – Building Construction – (23:16)

Describes construction classifications used in most building codes and the role of fire resistance ratings. Describes the characteristics and fire behavior of five types of construction, defines building construction terms, and the effects of fire and fire suppression activities on various building materials. Identifies the signs of dangerous building conditions, such as heavy fire loads and building collapse.

FF202D – Rescue Operations – (27:09)

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

FF203D – Advanced Ventilation – (19:07)

Presents the factors affecting ventilation decisions. Shows precautions against upsetting vertical ventilation, methods for ventilating a basement or windowless building, and special ventilation considerations of high rise buildings.

FF204D – Water Supply – (21:08)

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

FF205D – Fire Control 2 - (17:10)

Demonstrates fire control tactics for difficult fires, including a large, exterior Class B fire, fires in upper levels of structures, fires below grade, fires in energized electrical equipment, and fires involving a flammable gas cylinder.

FF206D – Foam Fire Streams - (25:33)

Describes the fundamentals of foam, including how foam is generated, how it extinguishes or suppresses fires, types of foam proportioners, nozzles and other foam generating systems, and various types of foam. Demonstrates how to assemble a foam fire stream using an eductor. Features troubleshooting tips for foam operations.

FF207D – Fire Hose Appliances (16:23)

Shows different types of fire hose appliances, including valves, valve devices, fittings, and intake devices. Identifies the correct type of appliances to be used in specific fireground operations. Demonstrates how to clean and maintain hose appliances.

FF208D – Fire Origin and Cause (20:13)

Presents the firefighter's role in fire cause determination from first alarm to final overhaul. Shows how to secure the fire scene pending an investigation and describes legal considerations of the fire cause determination. Demonstrates how to safeguard evidence at the scene.

FF209D – Pre-Incident and Fire Safety Surveys – (17:20)

Presents the firefighter's role in fire prevention and preparedness. Demonstrates steps for conducting pre-incident surveys. Identifies common hazards found in occupancies and shows how to inspect fire protection systems for readiness.

FF210D – Fire Prevention and Public Education – (22:29)

Explains the importance of fire prevention and public education to the fire department and to the community. Demonstrates how to conduct a residential fire safety survey, describes common fire and life safety hazards in the home, how to present fire safety information to small groups, and how to conduct station tours.

Chapter Three - Skills and Drills

This nine title series produced by the National Fire Protection Association (NFPA) and the International Association of Fire Chiefs (IAFC) offers detailed instructions for building fundamental firefighting skills. Skills are demonstrated and applied in a variety of drills. The topics and running times are listed below. Each disc has a video overview of the topic and short video demonstrations of the skills to be learned.

The *Rapid Intervention Series* is a two-part presentation of the knowledge and skill requirements of NFPA 1500, OSHA 29 CFR 1910.134 as well as technical expertise from New York City (technical advisor - Dan Hayde) and Phoenix Fire Departments (technical advisor - John Hinton).

FF211D – Response and Size-Up – (29:00)

FF212D – Ropes and Knots – (18:00)

FF213D – Forcible Entry/Search and Rescue – (21:00)

FF214D – Ladders and Ventilation – (24:00)

FF215D – Extinguishers – (8:00)

FF216D – Fire Suppression – (1:07:00)

FF217D – Salvage and Overhaul - (13:00)

FF218D – Special Operations (Emergency medical care, vehicle extrication, HAZMAT Decontamination) - (15:00)

FF219D-- Rapid Intervention Exterior Operations Video time – 17:35

Describes the need for rapid intervention teams, how they are structured how they are equipped, and how they function outside of burning buildings.

FF220D-- Rapid Intervention Interior Operations Video Time - 22:25

Shows how rapid intervention teams function inside of burning buildings to locate, assess, and rescue firefighters in distress.

Chapter Four - Supplemental Training for Firefighters

These materials contain information vital to firefighter safety and survival and are aimed to build on the knowledge acquired from essential firefighter training.

FFS219D – Live Fire Training in Acquired Structures – (26:00)

This DVD explains the procedures established in the National Fire Protection Association 1403 Standard on Live Fire Training Evolutions. It also presents guidelines to help fire departments properly acquire, inspect, prepare, and drill in acquired buildings. Viewers will learn about the roles of students, instructors, and safety officers and their responsibilities in creating a safer live fire training atmosphere that follows nationally accepted safety standards. The video footage shows examples of live burn preparation for different structures and excellent methods for meeting the 1403 standard.

FFS220D – Firefighter Survival Techniques – (46:00)

This video covers firefighter survival by the implementation of proper tactics in unison with proper staffing. Frank Ricci and other notable instructors from departments of all sizes cover 28 tactics grouped into four categories (Fire Attack, Self-Rescue, Rescuing a Firefighter, and Safety Precautions), including: size-up, initial attack, hose in stairwell, flashover, situational awareness, vertical ventilation, clearing the window, confining the fire, basement fires, commercial structure fires, Mayday, air management, and many other topics.

FFS221D – FLASHOVER! – (20:00)

Flashover is both dramatic and deadly. Understanding flashover can save firefighter lives. Learn from Chief Vincent Dunn when flashover occurs and safety techniques that can prevent or delay this dangerous event.

FFS222D – Billy Goldfeder’s *And the Beat Goes On* – (40:00)

Deputy Chief Billy Goldfeder, Fire Engineering contributing editor and FDIC speaker, rallies the troops to fight smarter and safer by refusing to make common mistakes that can have fatal consequences – failing to wear a seatbelt, entering a building where there is no human life at risk, failing to drive safely, failing to wear SCBA and all protective gear at every call. Chief Goldfeder challenges chiefs to make sure everyone goes home and reminds firefighters why they must avoid unnecessary risks: the family and friends left behind when they are gone!

FFS223D – Calling the Mayday – (40:00)

The *Calling the Mayday* course was developed by the National Fire Academy (NFA) in cooperation with other fire service organizations. This course teaches firefighters about what a Mayday is, what the parameters are for calling the Mayday, why it is so important to train on how to handle Mayday emergencies, and how this training can help firefighters survive Mayday situations

This computer disc contains an excellent 40 minute video (a wmv file to be played on a computer) with firefighters discussing their real-life Mayday situations, and how valuable the Mayday training has been for them. It also shows the training exercises with discussion from instructors. The PDF workbook/exam/job performance requirement files needed to conduct a *Calling the Mayday* class are also on the disc. Certificates are available from the NFA for those who complete the training as prescribed by the NFA.

FFS224D – Firefighter Life Safety Initiatives – Volume I – (3:00:00)

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home.

The videos on the disc are wmv files, which may be played on a computer. Seven different topics are addressed regarding the 16 Firefighter Life Safety Initiatives. Well-known fire service leaders are featured in the video segments, including Alan Brunacini, Tim Sendelbach, Rosemary Cloud, I. David Daniels, Billy Goldfeder, Bobby Halton, Rhoda Mae Kerr, John Salka, Ronny Coleman and many others.

Topics include:

- *Change* (25:00)
- *Duty* (13:41)
- *Health/Wellness* (23:03)
- *Prevention/Pre-planning* (21:37)
- *Tactics* (21:26), *Training* (25:26)
- *Vehicle Operations* (26:26)

FFS225D - Firefighter Life Safety Initiatives – Volume II – (1:40:00)

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home.

This DVD features the following topics with approximate running times:

- *Turn Out For Life-Fitness for Duty* (33:00)
- *10 Cones of Driving Safety* (17:00)
- *Firefighter Life Safety Initiatives Overview* (30:00)
- *The Hats of Highway Safety* (20:00)

FFS226D - Firefighter Life Safety Initiatives – Volume III – (90:00)

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home. This DVD is accompanied by a CD which contains supplemental materials to use with the video programs.

This DVD features the following topics with approximate running times:

- *Advocates for Firefighter Safety: Motivation and Commitment* (08:37)
- *Health and Wellness: Firefighter Cancer Support Network* (07:47)
- *Electrical Safety for Firefighters* (16:25)
- *Dangers of Engineered I-Beam Floors* (04:40)
- *Fire Service As Advocates for Fire Sprinklers* (13:05)
- *Spotlight on Code Officials* (05:17)
- *Everyone Goes Home for the Wildland Urban Interface* (6:16)
- *NIST Research on Positive Pressure Ventilation* (27:19)

FFS227D – To Hell And Back – Volume I – Burn Injuries (25:00)

This educational video presented by the People’s Burn Foundation addresses the reality of burn injuries by using the real-life experiences of four burn survivors to teach, train, and change the behaviors of firefighters and emergency medical service personnel. **WARNING:** This material contains graphic images of the reality and horror of burn injuries/treatments and may not be suitable for all audiences, particularly sensitive viewers. Persons who may suffer health or medical issues related to watching such footage are advised to NOT VIEW this material.

FFS228D – To Hell And Back – Volume II – Situational Awareness (44:00)

This educational video presented by the People’s Burn Foundation uses interviews with firefighters and computer simulated reenactments to show and tell what went wrong at structural and wildland fires where firefighters suffered serious burn injuries or were killed. Fire service leader Deputy Chief Billy Goldfeder provides commentary on topics vital to firefighter survival and safety, including: water supply, risk v. benefit, proper PPE, SCBA usage, size up, self discipline, tools, communication, incident command, mutual aid, staffing, basic training, SOPs, and accountability.

FFS229D – To Hell and Back – Volume IV – Cyanide Poisoning (25:00)

This educational video presented by the People’s Burn Foundation examines the extreme danger to firefighters from cyanide poisoning. This vital information addresses the effects of cyanide exposure on the body, discusses the high levels of cyanide in smoke, examines the health risks of cyanide exposure, tells how to prevent exposures to toxins in smoke, and shares important changes in how to do fire overhaul to prevent exposure. The video also explores the effects of the “Toxic Twins” (carbon monoxide and hydrogen cyanide) on firefighters.

FFS230D - Firefighter Life Safety Initiatives – Volume 4 – DVD 1

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home. This DVD is accompanied by a CD which contains supplemental Word and PDF documents to use with the video programs.

This video contains several segments from 2-12 minutes in length covering various topics vital to the survival of firefighters. Titles (with running times) include :

- *Reading Smoke* with Dave Dodson (09:53)
- *Mayday: Are You Ready?*(10:42)
- *Who's In Your Wallet?* with Billy Goldfeder (02:45)
- *The Challenge to Change* (02:31)
- *Seatbelt Related LODD: Needless Tragedies* (03:06)
- *Seatbelt Safety Support Videos: Seatbelts - No Excuses* (02:46) , *Responding with Seatbelts* (08:00), *The Hugh Lee Newell Story* (03:20), *Seatbelt Safety on Fire Trucks* (06:50)
- *Rapid Intervention Team – The Denver Drill* (10:41)
- *Be Right, Be Bright (Visibility on Scene)* (02:52)
- *Fire Service Bosses, Recruits, and Veterans* with Alan Brunacini (11:16)
- *Fire Service Pre-Planning* (07:12)
- *Situational Awareness* with Bobby Halton (06:52)

FFS231D - Firefighter Life Safety Initiatives – Volume 4 – DVD 2

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home. This DVD is accompanied by a CD which contains supplemental Word and PDF documents to use with the video programs.

The segments in this video address firefighter fitness for duty, situational awareness, and resources for persons with burn injuries. These segments include:

- *Fit to Fight* (1:04:00) : The Indiana Volunteer Firefighter Fitness Assessment and Training is featured. The purpose of this program is to educate, train, and prepare firefighters to be physically ready to serve and protect their communities and fellow responders. The video shows the importance of fitness training and demonstrates workouts.
- *FDNY Legends* (29:13): This video helps to raise firefighters' situational awareness through the lessons learned and stories shared by members of the Fire Department of New York who have experienced life-changing injuries, near-misses, second chances, and the tragedy of their comrades' line-of-duty deaths.
- *From Burn Victim to Burn Survivor* (08:39) : The Phoenix Burn Society created this short video, which features resources for people who have experienced serious burn injuries.

FFS232D – Introduction to NIMS (National Incident Management System) - (11:30)

This United States Fire Administration video gives a broad overview of what NIMS is, why it was developed, and how it helps responders better serve the public.

FFS233D – Backdraft and Other Smoke Explosions – (16:34)

The National Fire Academy presents this video featuring Vincent Dunn of the FDNY. Backdraft is explained along with the differences between backdraft and flashover, the conditions for creating catastrophic fire events, and models of fire behavior.

FFS234D – Firefighter Safety Initiatives Resource Kit Volume 3 CD2

This CD is made for use on a computer and contains information on the following topics: *Watch Out Behind You*, a lesson plan and materials regarding responder safety at highway incidents; *Health and Safety Issues in the Volunteer Fire Service*, and *Everyone Goes Home 2007 Newsletter Archives*.

FFS235D – National Fire Academy Health and Safety Officer Course Videos

These videos are part of the curriculum for the NFA course *Health and Safety Officer*. The course may be offered in your department using grant funds from the SDFMO; contact the office for more information. The videos work well as a supplement to fire training. The segments listed below provide vital information, which is useful to all firefighters, not just officers. These videos cover multiple topics related to preventing line of duty deaths and reducing health risks. The impact of losing a department member is discussed, along with risk management, codes and standards, firefighter fitness for duty, highway incident management, and accident/injury investigation. The titles (with running times) are:

- *Unit 1 – Firefighter Fatalities Department Impact (37:48)*
- *Unit 2 – Gordon Graham on Risk Management (16:30)*
- *Unit 3 – The making of codes and standards (9:55)*
- *Unit 4 – Fit to Survive (17:14)*
- *Unit 5 – Hampton Roads Highway Incident Management Committee (16:12)*
- *Unit 6 – Accident and Injury Investigation (9:25)*

FFS236D – National Fire Academy Incident Safety Officer Course Videos

These videos are part of the curriculum for the NFA class *Incident Safety Officer*. The course may be offered in your department using grant funds from the SDFMO; contact the office for more information. The videos work well as a supplement to fire training. This DVD covers the topics of risk management, firefighter safety, highway safety, learning from line-of-duty deaths, learning from incident critiques, and more. The videos with running times are:

- *Phoenix Fire Department Recovery Process (17:00)*
- *Gordon Graham Risk Management (15:26)*
- *Firefighter Safety in the Wildland Urban Interface (11:34)*
- *Highway Safety For Emergency Service (18:05)*
- *Phoenix Fire Department Incident Critique (20:11)*
- *Activity 6.3 – Video from emergency scenes for discussions on safety (15:30)*

FFS237D – Health and Wellness for Volunteer Fire and Emergency Services – CD

This CD was produced by the National Volunteer Fire Council, FEMA, and the United States Fire Administration with the goal of improving firefighter health and reducing line-of-duty deaths. Heart attacks are the leading cause of line-of-duty deaths for firefighters. This guide covers the state of the volunteer fire service's health, the importance of health and wellness, how to develop/implement a wellness program, and resources available. The entire guide may be downloaded from the disk for future use.

Chapter Five - Shared Resources

These materials are provided through South Dakota's participation in the TRADE (Training Resources and Data Exchange) program, a regionally-based network designed to foster the exchange of fire-related training information and resources among Federal, State, and local levels of government. Training materials can be downloaded from the TRADE repository and from regional TRADE websites. Learn more at the TRADE web page: <https://www.usfa.dhs.gov/nfa/trade/index.shtm>.

SR501D – Realistic and Relevant Training

These two discs are packed with resources to enhance firefighter training. Washington State fire service veterans and long time fire service instructors, Dr. Stan Anderson, Craig Anderson, and Paul Schroer assembled the materials. The discs feature photos, short videos, and instructions for multiple fire training scenarios with information on how to construct props and training aids. The materials are too numerous to list here; the discs have an index. Some areas of training addressed are: propane props, a miniature town for tabletop training, confined space props, entanglement props, ventilation props, mazes, ways to blackout the SCBA facepiece for drills, detailed instructions for response drills, and much more. Contact information for the authors is included also.

SR 502D – SR 505D - Down and Dirty Fireground Support

These DVDs are produced cooperatively by the Illinois Fire Service Institute, the Illinois Firefighters' Association, and Underwriters Laboratories. Each DVD is accompanied by a CD ROM study guide, which has a lesson plan for the selected video. Illinois Firefighters and officers demonstrate the techniques and tools used to accomplish the training objectives. These detailed videos are an excellent addition to training for firefighters at every level of experience.

SR502D and SR502CD- Down and Dirty Fireground Support – Disc One

- *Forcible Entry* (30:17)
- *Search and Rescue* (41:40)
-

SR503D and SR503CD – Down And Dirty Fireground Support – Disc Two

- *Ground Ladder Operations* (27:00)
- *Roof Operations: Ventilation* (27:00)
- *Overhaul* (22:00)
-

SR504D and SR504CD – Down and Dirty Aerial Operations – Disc One

- *Aerial Types and Terms* (20:50)
- *Aerial Construction* (20:00)
- *Torque Box and Stabilizer Construction* (20:00)

SR505D and SR505CD – Down and Dirty Aerial Operations – Disc Two

- *Critical Considerations* (29:00)
- *Aerial Positioning and Operations* (31:00)

Chapter Six - Hazardous Materials Awareness

These two DVDs introduce firefighters to the basics of hazardous materials.

HMA301D - HAZMAT Recognition – (15:48)

This video 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.

HMA302D - HAZMAT Identification – (16:43)

This video explains the nine D.O.T. hazard classes and details each corresponding placard requirement, including color, symbol, hazard class enumeration, and descriptive wording. The NFPA 704 marking system is outlined in addition to directions on how to use the 2008 Emergency Response Guidebook (ERG) in responding to chemical hazards.

Chapter Seven – Hazardous Materials Response

This section of DVDs includes videos on response tactics and various resources used for HAZMAT responses, as well as specialized videos regarding fuels, pipelines, drug labs, and operations with explosive dust. Also included are videos from the Chemical Safety Board, which utilize real life HAZMAT incidents to educate about specific hazards and the potential for loss of life and property.

HMR303D - Hazardous Material Containers and Scene Safety – (25:00)

The learning objectives for this course include: shapes and typical contents of hazardous materials containers, facilities and transportation container markings, conditions surrounding hazardous materials, how to verify information using guides, and how to recognize signs of criminal/terrorist activities.

HMR304D- Hazardous Material Response Sources and Terminology – (26:00)

Learn how to recognize the potential harm at a hazardous materials incident through this course's objectives including: how to reference hazard and response information, learn material behavior terminology, learn health hazard terminology, learn to predict the behavior of a material in its container, and learn how to use this information to estimate the potential harm to responders and the public.

HMR305D - Hazardous Material Defensive Options and Objectives – (20:00)

This video covers how to formulate an action plan for a hazardous materials response through defining objectives and determining what defensive options are going to be the most effective. Learning objectives include: How to limit exposures using available resources, how to determine defensive objectives, how to assess risk to responders, how to identify defensive options, and how to choose appropriate control techniques.

HMR 306D - Hazardous Material Protection and Decontamination – (22:00)

The selection of PPE (personal protective equipment) and decontamination procedures are covered in this video. The following topics are addressed: choosing respiratory protection, selecting protective clothing, contamination, performing emergency decontamination, mass decontamination, and watching for signs of terrorism.

HMR 307D - Hazardous Material Scene Control and Safety Measures – (21:00)

Effective action at a hazardous materials incident requires the establishment of scene control and the implementation of an incident management system. The objectives of this course include: establishing scene control, determining control zones, taking protective actions, locating decontamination areas, emergency decontamination techniques, safety briefings, and the incident management system.

HMR 308D - Hazardous Material Defensive Actions – (22:00)

PPE (personal protective equipment) and defensive actions influence the success or failure of the action plan at hazardous materials incidents. This video covers: working in PPE, foam and vapor suppressing agents, defensive actions, search and rescue operations, limiting the impact of radioactive materials, and evaluating team progress.

HMR 309D - Terrorism and WMD Awareness – (20:00)

First responders of all types need to understand the issues and safety precautions associated with terrorism and weapons of mass destruction. This video covers: types of terrorism, potential targets, indicators of a threat, Integrated Response Structures, warfare agents, detection, federal assistance, and basic incident priorities.

HMR310D – CHEMTREC: An Overview for Emergency Responders - (14:00)

The Chemical Transportation Emergency Center (CHEMTREC) created this video to give first responders an overview of how CHEMTREC can help during a hazmat incident. This video explains how CHEMTREC is linked up to one of the world's largest databases of hazardous materials information. CHEMTREC is often one of the first resources used during an incident; this video will help all responders understand this excellent resource. (Free copies of this material may be downloaded from www.chemtrec.com, under Emergency Responders, then Resources.)

HMR311D – Response to Illicit Drug Labs – (24:00)

This DVD provides training to firefighters who discover a drug lab in the course of responding to a different call, or for those responding as a part of a law enforcement operation. The video focuses on methamphetamine labs and how meth is manufactured. It describes the hazards of the labs, potential conditions at a lab, safety procedures, investigation/evidence, and clean up procedures. A CD with a PowerPoint presentation accompanies the video.

HMR312D – Deadly Dust II – (30:00)

This DVD is a revised version of the classic Kansas State University film which illustrates why grain dust merits great respect. The video shows dramatic footage of actual grain dust explosions and fires, along with the devastating aftermath of both. The video illustrates how primary and secondary dust explosions occur. Also outlined are major methods of preventing disasters, emergency planning, and personnel training for workers in grain storage/processing.

HMR313D – Deadly Dust III - (22:00)

(It is recommended that viewers watch *Deadly Dust II* before watching this DVD.) Kansas State University produced this video, which features the stories of two employees who survived major dust explosions, footage of an actual explosion, the devastation, injuries and fatalities from major explosions, and stop-motion demonstrations of how primary and secondary dust explosions occur. A discussion guide for instructors is included with the DVD.

HMR 314D – Ethanol: Response Considerations (23:00, 19:00)

This training package from the International Association of Fire Chiefs, The U.S. Department of Transportation, and the National Fire Academy features a DVD and CD with videos and training modules to prepare responders for response to ethanol related incidents. The DVD has two videos: *Ethanol: Response Considerations* (23:00) and *Responding to Ethanol Incidents* (19:00). The CD had seven modules of instruction covering an introduction to ethanol, chemical properties and physical characteristics of ethanol, transportation/transfer, storage/dispensing, use of firefighting foam with ethanol blended fuels, ethanol blended fuel emergencies, and tank farm/bulk storage incidents.

HMR314aD – Complete Training Guide to Ethanol Emergency Response CD

The Renewable Fuels Association and the Ethanol Emergency Response Coalition produced this training package on CD, which contains PowerPoint presentations, videos, and materials on ethanol and other fuels. It includes an introduction to ethanol, chemical properties and physical characteristics of ethanol, transportation/transfer, storage, dispensing, use of firefighting foam with ethanol blended fuels, ethanol blended fuel emergencies, and tank farm/bulk storage incidents.

HMR315D – BIODIESEL: Response Considerations (15:00)

This training package from the International Association of Fire Chiefs and the U.S. Department of Energy features a five module program CD and a companion DVD. The CD modules cover chemical properties and physical characteristics of biodiesel, production/manufacturing, planning/response, firefighting foam usage with biodiesel responses, PPE/decontamination in a multiple hazard type environment. The DVD explains how biodiesel is made and illustrates its properties and characteristics, along with showing the differences between biodiesel and other fuels.

HMR316D – Liquefied Natural Gas (30:00)

This video presented by the National Association of State Fire Marshals and the Pipeline and Hazardous Materials Safety Administration covers the following topics: physical properties of liquefied natural gas (LNG), the design of LNG containers, storage facilities, and transport ships; correct loading storage and transportation of LNG; potential failure scenarios involving LNG; response strategies, four lines of defense to reduce consequences from an accident, federal safety standards for LNG, and security regulations.

HMR317D - Pipeline Emergencies – (42:00)

This video presented by the National Association of State Fire Marshals and the U.S. Department of Transportation addresses the following topics: how pipelines operate, what products are carried through pipelines, managing pipeline incidents, protective clothing and equipment, and offensive, defensive, and non-intervention modes of response.

CSB Materials

The United States Chemical Safety Board (CSB) created the following materials to inform industry, workers, and the public about the causes of chemical accidents and recommended practices to prevent them.

The videos feature actual footage from incident sites and use computer generated reenactments to explain what happened. These videos may also be viewed and downloaded from CSB.gov, obtained from the CSB at no charge, or viewed on You Tube at youtube.com/uscsb.

These videos are an excellent tool in training firefighters about the different hazards they may face, from a propane explosion at a convenience store to a major chemical fire at an industrial plant, the lessons learned are vital to responder safety.

HMR318D – CSB Safety Videos 2005-2009 DISC 1

Disc 1 of the 2005-2009 set contains the videos listed below, with running times.

- ***Death in the Oilfield*** – (08:40) - An oil tank explosion kills 3 workers performing hot work.
- ***Fire from Ice*** – (13:40) – Fire cripples a refinery after propane leaks from a frozen dead leg.
- ***Static Sparks Explosion in Kansas*** – (10:50) – Static electricity ignites a storage tank, forcing a community to evacuate.
- ***Emergency in Apex*** – (16:47) – A North Carolina town is evacuated when fire engulfs a hazardous waste depot.
- ***Anatomy of a Disaster*** – (56:00) A massive explosion kills 15 people and injures 180 at the BP Texas City refinery.
- ***Reactive Hazards*** – (20:20) Four major incidents illustrate the dangers from uncontrolled chemical reaction.
- ***Public Worker Safety*** – (07:49) – Two public workers burn to death performing unregulated hot work.
- ***Explosion at Formosa Plastics (Illinois)*** – (10:49) – A preventable human error leads to a vinyl chloride explosion which kills five people.
- ***Hazards of Nitrogen Asphyxiation*** – (12:05) – Two contract workers suffocate while working on a refinery process vessel.
- ***Fire at Formosa Plastics (Texas)*** – (08:34) – Without safeguards, a small collision leads to a massive process fire.
- ***Dangers of Propylene Cylinders*** – (08:26) – Gas cylinders rocketing from a fire endanger a St. Louis neighborhood.
- ***Ethylene Oxide Explosion at Sterigenics*** – (09:25) – At a sterilization plant, bypassing a safety interlock has catastrophic results.
- ***Dangers of Flammable Gas Accumulation*** – (06:41) - When acetylene explodes inside a shed, three workers lose their lives.
- ***Preventing Harm from NaHS*** – (06:43) – Sodium hydrosulfide may create deadly hazards at pulp mills, mines, and tanneries.

HMR319D - CSB Safety Videos 2005-2009 DISC 2

Disc 2 of the 2005-2009 set contains the videos listed below, with running times.

- *About the CSB* – (14:16) – Describes how CSB investigators help to prevent major chemical accidents.
- *Combustible Dust: An Insidious Hazard* – (29:07) - Dust from industrial processes become the fuel for devastating explosions.
- *Emergency Preparedness* – (20:39) – Lessons from ten years of CSB investigations on preparing for chemical disasters.
- *Half an Hour to Tragedy* – (22:56) – Remaining too close to a propane leak proves fatal to responders and others.
- *Blast Wave in Danvers* – (19:35) – Solvent vapor explodes at a Boston area neighborhood, devastating a neighborhood.

HMR320D – CSB Emergency in Apex (16:47)

A North Carolina town is evacuated when fire engulfs a hazardous waste depot.

HMR321 – CSB Safety Videos July 2006 Volume 1

Some videos in this DVD are featured in the 2005-2009 series listed above, but there are additions, mainly the excerpts from hearings.

- *Fire at Formosa Plastics (Texas)* – (08:34) – Without safeguards, a small collision leads to a massive process fire.
- *Dangers of Propylene Cylinders* – (08:26) – Gas cylinders rocketing from a fire endanger a St. Louis neighborhood.
- *Ethylene Oxide Explosion at Sterigenics* – (09:25) – At a sterilization plant, bypassing a safety interlock has catastrophic results.
- *Dangers of Flammable Gas Accumulation* – (06:41) - When acetylene explodes inside a shed, three workers lose their lives.
- *Explosion at BP Refinery, Texas City TX* – (06:14) – Features, animation, video and photos.
- *Preventing Harm from NaHS* – (06:43) – Sodium hydrosulfide may create deadly hazards at pulp mills, mines, and tanneries.
- *Excerpts from the CSB Public Hearings on Hazards of Combustible Dust* – (18:08) – Features investigators and dust explosion experts.
- *Excerpts from the CSB Public Hearing on the New York City Building Explosion and Need for Fire Code Reform* – (25:06)- Features FDNY officials and fire code experts.
- *About the CSB-* (10:48) – Describes the agency mission, history and operations.

HMR322D--Why Decontaminate? (21:00)

Discusses the importance of removing or reducing contaminants to a safe level. Discusses the acute and chronic health risks associated with hazardous materials and the basic rules of “Get it off, keep it off and contain it.” Describes primary and secondary contamination and routes of exposure in the human body. Demonstrates six physical and six chemical decontamination methods and the need for a “no exceptions” decontamination policy.

HMR323D--Decontamination Procedures (21:10)

Demonstrates emergency decontamination procedures and the importance of avoiding cross-contamination. Outlines critical set-up factors to consider before implementing operations. Demonstrates decontamination site set-up and zones of operation. Demonstrates the nine-step technical decontamination process and discusses environmental concerns including runoff.

HMR324D--Handling Contaminated Victims (20:45)

Discusses the special attention that contamination victims require and how victims become contaminated through various routes of exposure. Outlines various symptoms of exposure, including SLUDGEM and the ABC guidelines, and the importance of using the Emergency Response Guidebook for assistance. Demonstrates decontamination for ambulatory and nonambulatory individual victims, including the decontamination of areas of injury. Discusses the packaging and transport of contamination victims for hospital treatment.

HMR325D--Mass Decontamination (22:34)

Explains the importance of multiple casualty planning efforts by first responders. Demonstrates multiple set-up methods for mass decontamination operations, including with the use of apparatus. Discusses factors regarding the feasibility of remote decontamination of multiple victims and which kinds of facilities to consider. Demonstrates procedures for the mass decontamination of ambulatory and nonambulatory victims, including during cold weather operations.

HMR326D--Plugging & Patching Drums (20:34)

Discusses the dangers of leaks in hazardous materials drums. Focuses on safety precautions and primary causation in drum breach, including puncture, pressure and deterioration. Demonstrates leak control using various equipment and methods, including the use of drum features as well as application of various plug and patch techniques. Discusses the importance of and procedures for overpacking.

HMR327D--Containing Leaks in Pressurized Cylinders (21:52)

Presents the hazards, safety considerations and structural features of pressurized cylinders. Discusses the kinds of leaks to expect and leak detection. Demonstrates leak control techniques. Presents special considerations when dealing with leaks involving four common, dangerous gases: oxygen, acetylene, ammonia, and chlorine.

HMR328D--Diking, Diverting & Retaining Spills (19:04)

Discusses the safety concerns regarding hazardous spill control. Outlines various spill control options and demonstrates basic procedures for diking, diverting, damming and retaining spills. Explains the need to consider both the chemical and physical properties of hazardous materials in spill operations. Discusses equipment and materials required for spill control and how to employ them.

HMR329D--Incidents Involving Fuel Tank Trucks (19:38)

Explains the structural and safety features of MC 306/DOT 406 fuel tank trucks and the types of incidents that commonly occur with them, including rollovers and leaks with and without ignition. Discusses responder safety considerations, including the need for bonding and grounding, and demonstrates basic leak control procedures.

Chapter Eight – Rescue Operations

These videos provide an overview of rescue operations, including the different types of rescues, PPE, tools, equipment, and victim/responder safety, along with other specialized information for the different types of rescues.

RES401D - Rescue Apparatus and Equipment – (13:02)

This video covers the gear responders need when called to an incident scene. Topics include: regulations of vehicle design, specialized rescue vehicles, multi-purpose rescue vehicles, rescue PPE, rescue hand tools, and rescue power tools.

RES402D - Rope Rescue – (16:30)

Situations requiring a rope rescue demand knowledge of proper techniques to protect the rescuer and save the victim. This course's learning objectives include: common anchor systems, common belay systems, common lowering systems, patient packaging techniques, mechanical advantage systems, and low-angle rescues.

RES403D - Confined Space Rescue - (14:45)

This unique rescue challenge involves extreme physical, environmental, and atmospheric hazards. These hazards may be mitigated through the course objectives which include: size-up of confined space rescue, monitoring of atmospheric conditions, ventilating a confined space, preparing to enter a space, and searching for/removing victims.

RES404D – Structural Collapse Rescue –(15:00)

Explosions, heavy snowfall, tornadoes, high winds, and even poor construction can cause structural collapse. Responder speed and skill can save lives. Learn effective and safe techniques for collapse incidents through the following objectives: sizing up a structural collapse, making a collapse site safe for rescue operations, identifying collapse patterns, breaching obstacles to reach victims, and accessing/removing survivors.

RES405D - Trench/Excavation Rescue – (13:49)

This video provides information critical to a quick and safe response at trench/excavation collapse incidents. Objectives include: sizing up a trench rescue incident, identifying and classifying soil types, preparing a trench for operations, stabilizing trench walls, and stabilizing victims.

RES406D - Vehicle and Machinery Rescue (18:30)

The frequency of responses to vehicle and machinery accidents requires responders to have knowledge of strategy, safety precautions, and techniques for rescue. The course objectives include: sizing up an incident scene, recognizing vehicle safety precautions, stabilizing vehicles, performing vehicle extrications, along with machinery safety precautions, stabilization, and disentanglement techniques.

RES407D - Water and Ice Rescue (13:02)

Safe and effective water/ice rescues rely on the responders' knowledge of techniques and tactics used in these incidents. Course objectives include: sizing up a water/ice rescue, performing water rescues, ice rescue procedures, surf rescue techniques, and swift water rescues.

RES408D - Wilderness Search and Rescue - (12:24)

Remote locations and the unpredictable nature of the wilderness can create extreme hazards for victims and responders in search and rescue incidents. This course's objectives include: sizing up a wilderness search and rescue, search and rescue fundamentals, hasty search techniques, loose grid search techniques, tight grid search techniques, and evacuating victims.

RES409D - Elevator Rescue – (14:30)

Elevator entrapment is a frightening and panic-inducing experience for some victims. Responder knowledge of elevator rescue techniques is essential for a safe, speedy rescue.

Objectives include: sizing up an elevator rescue, establishing communications, gaining access to an elevator car, and performing emergency rescue procedures.

RES410D - Fireground Search and Rescue – (13:37)

Effective fireground search and rescue techniques are vital to saving victims. Learn how to locate and remove victims with strategies outlined in the following course objectives: size up of fireground search and rescue incidents, primary search techniques, primary search techniques in multi-story buildings, secondary search techniques, and effective victim removal skills.

Chapter Nine – Rescue Extras

This section features specialized information on specific rescues and firefighter safety at the emergency scene.

RESX411D – State Farm Auto Design and Extrication Forum

This program produced by State Farm Insurance offers three video segments of detailed information vital to the safety and effectiveness of responders on the scene of a vehicle crash. The videos show various mechanical views and cross sections of vehicles, along with demonstrating the different systems in vehicles that can complicate rescue and extrication. The segments are:

- *Restraint System Technology* - (34:19)
- *Hybrid Vehicles* - (35:08)
- *High-Tech Metals* - (27:04)

RESX412D – Carbusters – Disc 1

This set of videos is designed to show responders the basics of vehicle extrication. The three videos on this disc include:

- *Extrication Principles* - (32:00)
- *Hand Tools* – (29:34)
- *Extrication Techniques* – (29:09)

RESX413D – Carbusters – Disc 2

This set of videos is designed to show responders more advanced considerations of vehicle extrication. The three videos on this disc include:

- *Patient Considerations, Mechanism of Injury* (30:00)
- *Advanced Extrication* (30:00)
- *Big Trucks* (30:00)

RESX414D – School Bus Extrication (40:00)

School bus accidents present different types of challenges to emergency responders. This video provides information to prepare responders for the potential for mass casualties, school bus types, school bus construction, school bus features, rescue/extrication techniques, and tactics. Also covered are special problems involved with school bus accidents, incident preparation, and considerations for school bus crashes.

RESX415D – Toyota/Lexus Hybrid Emergency Response Information

This CD from Toyota/Lexus shows the basic information emergency responders need to know when dealing with a Toyota/Lexus hybrid at an incident. This disc is made for viewing on a computer, not a DVD player.

RESX416D – The Hats of Highway Incident Management (18:22)

This video discusses the cooperation of different agencies and the roles of different responders at the scene of an emergency on the highway. The roles of firefighters, law enforcement, DOT workers, EMS personnel, and many others are examined.

RESX417D – Firefighter Life Safety Initiatives Resource Kit – Volume II

The National Fallen Firefighter Foundation, in cooperation with other fire service organizations, presents this disc loaded with information aimed at preventing firefighter injuries and deaths and making sure everyone goes home.

This DVD features the following topics with approximate running times:

- *Turn Out For Life-Fitness for Duty* (33:00)
- *10 Cones of Driving Safety* (17:00)
- *Firefighter Life Safety Initiatives Overview* (30:00)
- *The Hats of Highway Safety* (20:00)

RESX418D – Ten Cones of Highway Safety – (18:30)

VFIS produced this video geared at reducing firefighter deaths and injuries. Firefighters and responders are routinely injured and killed at the scene of highway incidents. This program addresses the safety issues involved with highway responses and gives information that can help firefighters and responders stay safe at these scenes. Topics discussed include training, communication, warning other traffic, protecting the scene using apparatus, and more.

RESX419D – Locomotive Emergency Response Operations – (28:00)

The U.S. Department of Transportation and the Federal Railroad Administration Office of Research And Development produced this video, which discusses pre-planning railroad emergency responses for fire departments and other emergency responders. The video topics include: how the railroad system operates, how responders can assess a coverage area for special risks, how to approach a locomotive after an accident to locate and extricate the crew, and special instructions for accidents that occur on bridges or in tunnels. The main focus is on life safety for both the responders and locomotive crew.

RESX420D – Firefighter Life Safety Resource Kit Volume 3, CD 2

This CD is made for use on a computer and contains information on the following topics: *Watch Out Behind You*, a lesson plan and materials regarding responder safety at highway incidents; *Health and Safety Issues in the Volunteer Fire Service*, and *Everyone Goes Home 2007 Newsletter Archives*.

Chapter 10 – Fire Prevention and Community Safety

This section features materials designed to educate the public about fire safety and prevention.

Please note the intended grade or age group for each title.

FPD701 - Commander Courage and the Fire Station Adventure – (28:00)

{All Elementary grades} English and Spanish versions, plus Closed Captioning.

This DVD combines animated characters and real-life firefighters to teach kids about life at the fire station, what firefighters do, and home safety. It also features songs and activities for kids to have fun with while they learn.

FPD702 – Disney’s Safety Smart About Fire with Timon and Pumbaa - (13:00)

{For grades K-3} 16 different language choices

Familiar Disney characters Timon and Pumbaa deliver a lesson on how to be safety smart about fire, including information on smoke alarms, escape plans, and fire prevention. The DVD is loaded with extra features, including a sing along song and downloadable educator’s guide with activities.

FPD703 – Danger Rangers Fires and Liars – (28:00)

{For ages 3-8} English and Spanish versions

Animated characters the Danger Rangers teach about false alarms and other fire safety issues. The DVD also features separate songs about fire safety. Kids get information about what to do in a fire, how to get out of a smoky room, how to check doors when leaving a fire building, how to use 911, and more.

FPD704 - Rainbow Valley Heroes The Big Race and Other Adventures – (30:00)

{Grades K-3}

This video introduces kids to the Rainbow Valley Fire Department characters, which are used in the Rainbow Valley Series below to teach kids about fire safety. This video features three adventures, each about a different problem kids might face: sharing, cheating, and how to care for things properly.

Rainbow Valley Series (Pre-school through 3rd Grade):

Each of the nine short videos in the series teaches children all about different topics regarding fire safety and the fire service using animated characters and live action video. Please see each DVD description for more information. A printed lesson plan guide will be checked out with each DVD. This guide contains instructions for each lesson and activities for students.

FPD705 -Volume 1 - The Fire Station – (10:00)

This video is an introduction to the firefighter and the fire station. It establishes the fire-fighter as your friendly neighbor and the firehouse as a safe place to go in case of an emergency.

FPD706 - Volume 2 - The Fire Equipment – (10:00)

This video allows children to see and understand that the specialized gear firefighters wear enable each to do their job better, and does not turn firefighters into someone children should fear. Typically, in a fire situation, small children tend to hide from fires and firefighters. The event of a fire is extremely scary and a firefighter dressed in full bunker gear can be very intimidating to a child already traumatized by a fire in their home. This video helps children learn that inside all that gear is still a friendly, helpful firefighter.

FPD707 - Volume 3 - Fire Trucks - (10:00)

This video introduces children to various types of firefighting vehicles. Children see that there are specially trained professionals who drive and operate each rig. Not only do they learn why there are so many types of rescue vehicles, but they also learn the special functions each vehicle provides for fighting fires. Children are taught to use caution and stay safe while outside whenever they hear or see emergency vehicles coming their direction. They learn to stay far back from the road and to get off their bikes until the emergency vehicles safely pass.

FPD708 - Volume 4 – What Causes Fire? – (10:00)

In this episode the RVFD crew will teach children about what causes fires, how fire spreads, and how firefighters put out fires. *What Causes Fire?* also teaches real life statistics to help show the importance of fire safety. The video covers the benefits and dangers of fire, what starts fires, safety tips on preventing fires at home, and how fire tools are not toys and should only be used by adults.

FPD709 - Volume 5 – Home Fire Safety Tools – (10:00)

Many homes are not equipped with the proper fire safety tools and prevention plans needed to help prevent fires in the home. This video shows how kids can be proactive and help parents keep their homes safe. The video shows the important fire tools every home must have, smoke alarm location, smoke alarm maintenance, smoke alarm battery replacement, all about fire sprinklers, all about 911, and the dangers of smoke, carbon monoxide, and heat.

FPD710 - Volume 6 – Home Fire Escape Plans – (10:00)

This video shows kids how important a home escape plan is and how having an escape plan can help save lives. The video shows how to draw an escape plan, how to pick a meeting place outside the home, how to practice fire drills, and how to review the plan with parents, babysitters, or caregivers.

FPD711 - Volume 7 – Fire in Your House Part I – (10:00)

The RVFD crew shows kids what to do if a fire happens at home. Kids learn a step-by-step plan, which includes how to get low and go, how to listen for the alarm, the importance of staying calm and yelling for help, finding escape routes, checking doors for heat, and making sure doors and windows work properly.

FPD712 - Volume 8 – Fire in Your House Part II – (10:00)

This video continues the lesson from Volume 7 and includes: getting safely out of the house, meeting at the family meeting place, how to call 911, knowing address/phone number, staying out of the firefighters’ way, and what to do after the fire is out.

FPD713 - Volume 9 - If Fire Gets on Your Clothes – (10:00)

This video features a song kids can learn and remember about what to do if clothing catches fire. It also covers how to avoid clothes catching fire, the importance of proper fitting sleepwear, how to STOP DROP and ROLL, what to do when someone else’s clothes catch fire, and how to cool a burn.

.....end of Rainbow Valley Series.....

FPD714 – Fire Is... (5 video segments, 11:00 to 23:00 each)

{Grade 3-6}

The five segments on this DVD from Volume II of the Firefighter Life Safety Initiatives Resource Kit are designed to teach children about how dangerous fire is. There are no cartoon characters or coloring books. These segments show that fire is black, fire is hot, fire is fast, fire is smoke and gas, and fire is an emergency. This realistic (but not scary) approach is designed to teach children how to save themselves in a fire situation. A printed instructor guide is sent with the video for use in the classroom.

FPD715 – Disney’s Safety Smart Science FIRE with Bill Nye the Science Guy (25:00)

{Grades 4-8} English and Spanish versions

Bill Nye, the Science Guy, explains the science of fire, including the roles heat, fuel, and oxygen play. He also shows how products are tested for fire safety. Also covered: how fire can be helpful, as well as destructive. The disc also features an interactive quiz, scene selection, and downloadable educator’s guide.

FPD716 – Fire’s Fury (14:00)

{upper elementary grades, junior high, high school and general public; younger children may watch if accompanied by an adult}

This video was produced by the National Fire Protection Association (NFPA) with the following goals in mind:

- to show that all fires begin small, but can grow to life-threatening proportions in just minutes
- to emphasize the importance of smoke alarms as a life saving device
- to show that smoke alarms are early warning systems that give people time to escape
- to outline the basics of a home escape plan
- to show how leaving candles or heat producing appliances unattended for even a few minutes can lead to major consequences

The video uses life-like scenarios (a news report of a house fire, interviews with a family, an interview with a fire chief, a fire prevention class at school, and an interview with a child who left a candle burning) to emphasize the goals listed above.

FPD717 – Fire Safety In the Home (08:30)

{all ages}

This short video gives an excellent overview of fire escape plans, how to exit a building during a fire, smoke detectors, fire extinguishers, and how to call 911. This is a perfect brief overview to use for a community or school fire prevention talk.

FACTS ON FIRE series –

{junior high, high school, and general public (adults)}

Louisiana Public Broadcasting and FEMA teamed up to produce this series of videos on fire safety with the intent of preventing deaths from fire. A user’s guide is downloadable from Louisiana Public Broadcasting at: www.lpb.org/factsonfire.

FPD718 – Home Safe Home (55:35)

This DVD’s four chapters cover fire safety topics regarding the kitchen, bedrooms, heaters, and electrical usage. Each chapter contains a mini quiz with fire prevention questions.

FPD719 – Equipped for Safety (55:16)

This DVD’s four chapters discuss smoke detectors, carbon monoxide detectors, sprinkler systems and fire extinguishers. Each chapter contains a mini quiz with fire prevention questions.

FPD720 – Built for Safety (55:57)

This DVD’s three chapters discuss preventing fires, controlling fire, and protecting people. Each chapter contains a mini quiz with fire prevention questions.

FPD721 – Safe for the Holidays (52:27)

This DVD’s chapters cover Christmas tree safety, candle safety, cooking safety, and fireworks safety. Each chapter contains a mini quiz with fire prevention questions.

FPD722 – Escape from Death (57:34)

This DVD’s four chapters cover how to escape from different locations in the event of a fire, including home, school, office and various public buildings. Each chapter contains a mini quiz with fire prevention questions.

FPD723 – Outdoor Offensive (57:21)

This DVD’s four chapters cover outdoor fire safety and the chapter topics include barbeque grill safety, fuel safety, rural fire safety, and camping fire safety. Each chapter contains a mini quiz with fire prevention questions.

FPD724 - Special Groups, Special Needs (56:59)

This DVD’s four chapters cover groups with specialized fire safety needs: the elderly, children, people with disabilities, and people with residences in rural areas, manufactured homes, or apartments. Each chapter contains a mini quiz with fire prevention questions.

FPD725 – In the Wrong Hands (56:01)

The two chapters contained in this DVD discuss what happens when fire ends up in the wrong hands: the hands of children and the hands of arsonists. Each chapter contains a mini quiz with fire or arson prevention questions.

FPD726 – Situation DISASTER: Natural Disaster Preparedness**In English and Spanish**

This DVD presented by FEMA and Louisiana Public Broadcasting features two video programs designed to help the public protect themselves before, during, and after a natural disaster. Host Erik Estrada covers preparation and survival tips for earthquakes, wildland fires, thunderstorms, tornadoes, hurricanes, winter storms, floods, and fires. South Dakota is unlikely to experience an earthquake or hurricane, but the information provided is useful for those traveling to areas where these types of disasters may occur.

The DVD's two chapters are:

- *Program 1: Before a Natural Catastrophe* (26:46)
- *Program 2: During and After a Natural Catastrophe* (26:46)

FPD727 – Keep Your Community Safe and Warm CD

This CD was produced by the National Fire Protection Association (NFPA) and provides all the support materials needed for a successful heating-safety campaign in your community. The CD contains: community outreach ideas, heating Fast Facts, talking points, printable heating safety spots, Public Service Announcements for PC and Mac, and heating safety print ads. It also contains templates for a news release, newspaper Op/Ed column, and letters to the editor about fire prevention.

FPD728 - Keeping Your Community Safe and Energized CD

This CD was produced by the National Fire Protection Association (NFPA) and provides all the support materials needed for a successful electrical-safety campaign in your community. The CD contains: community outreach ideas, electrical facts and figures, talking points, printable electrical safety spots, and Public Service Announcements for PC and Mac. It also contains templates for news releases (electrical safety, lightning safety, and generator safety), newspaper Op/Ed column, and letters to the editor about electrical safety and fire prevention.

FPD729 – Keeping Your Community Cooking Safely CD

This CD was produced by the National Fire Protection Association (NFPA) and provides all the materials needed for a successful cooking safety campaign in your community. The CD contains a cooking safety checklist, cooking fire facts and figures, talking points, Public Service Announcements for PC and Mac, statistical reports, and low literacy messages (picture cards with safety info in English and Spanish). Templates are also included for news releases about cooking safety, Op/Ed columns (on burn prevention, grilling safety, microwave safety, and turkey fryer safety), and letters to the editor about cooking safety and fire prevention.

FPD730 – Disney's Donald's Fire Safety Hits**{grades K-4} English and Spanish versions, closed captioning, instructor guide.**

This DVD contains two animated segments featuring Disney favorite Donald Duck:

- **Donald's Fire Survival Plan** (12:00) Donald Duck and his nephews Huey, Dewey, and Louie learn about fire prevention and fire survival at home including information on "stop, drop, and roll" and E.D.I.T.H.(Exit Drills In The Home).
- **Donald's Fire Drill** (16:00) Two students match wits about fire safety on the game show "Donald's Fire Drill." The students race to answer the questions and Donald Duck demonstrates their answers.

Chapter 11- Pumping Apparatus: Driver/ Operator

The only Pumping Apparatus training series on the market that is instructionally designed to teach the skills and prerequisites of **NFPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications*** and recommended by IFSTA for use with its Pumping Apparatus manual.

PA101D--Safe Operation of Emergency Vehicles (17:09)

This program presents safety factors for starting and driving fire apparatus. The focus is on pumping apparatus, but the safe driving information applies to all types of emergency vehicles. Topics covered include: safe driving techniques for emergency vehicles, how to correctly start and operate gas and diesel-powered pumping apparatus and a demonstration of the practical driving exercises in NFPA 1002.

PA102D--Positioning Apparatus (19:25)

Driver/operators and engineers need to know how to correctly position the apparatus at the emergency scene. This program presents: how to determine the best position for an attack pumper, how to position water supply pumpers, correct pumper positioning for special situations, a demonstration of staging procedures and the tactical and safety considerations for operations on limited access highways.

PA103D--Operating Fire Pumps (19:55)

The driver/operator's ability to operate a fire pump that provides the necessary water supply while maintaining the mechanical soundness of the pump is critical to the success of the operation. This program shows: how to operate the pump using water on the apparatus, how to operate the pump using an external pressurized water supply and how to operate the pump using water from a draft source.

PA104D--Apparatus Inspection & Maintenance (16:50)

This program presents the tasks involved in routine pumping apparatus inspection and maintenance required of a driver/operator. It demonstrates: a systematic apparatus inspection procedure (the "walk-around" inspection), routine maintenance tasks and inspection and preventive maintenance of the fire pump.

PA105D--Water Shuttle & Relay Pumping (17:25)

Water shuttle operations and relay pumping are two methods for providing water to emergency scenes in remote areas. This program presents basic information about each type of operation including: a description of a typical water shuttle and the equipment involved, a basic procedure for setting up a water shuttle, a description of a basic relay pumping operation and the process for setting up a typical water relay.

Chapter 12- Aerial Apparatus: Driver/Operator

AA101D-- Aerial Apparatus Driving Techniques (15:16)

Presents an overview of safe driving techniques for aerial apparatus drivers, including how to handle the truck in adverse conditions. Demonstrates the special skills required of the tiller operator.

AA102D--Positioning Aerial Apparatus (17:15)

Shows standard operating procedures for placing aerial devices at the emergency scene, including four tactical uses. Safety factors for aerial device placement are highlighted.

AA103D--Stabilizing Aerial Apparatus (18:03)

Presents the function of the hydraulic system in aerial stabilization and demonstrates how to operate the PTO system. Demonstrates how to set stabilizers on even and uneven terrain, and how to stabilize tractor-trailer apparatus.

AA104D--Operating Telescoping and Articulating Equipment (19:08)

Demonstrates how to raise and lower telescoping ladders and platforms as well as articulating devices. Features safety rules to follow when operating each type of aerial equipment.

AA105D--Aerial Apparatus Maintenance (16:11)

Presents a systematic aerial apparatus inspection procedure that can be followed by both career and volunteer driver/operators. Shows how to perform routine maintenance tasks on the apparatus. Demonstrates procedures for inspection and preventive maintenance of the aerial device and other equipment carried on the aerial apparatus.

Chapter 13- Fire Officer I

FO101D--Leading Your Team (19:47)

As fire officer, you will be responsible for accomplishing the fire department's mission through a team of firefighters under your command. Successfully assuming this new responsibility will require a combination of management and leadership skills. Good management means effectively supervising and delegating work. Leadership goes beyond job tasks to influence people. This program presents leadership skills for the Fire Officer I candidate.

FO102D--Maximizing Team Performance (14:47)

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:

FO103D--Communications (22:01)

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.

FO104D--Managing Conflict (22:30)

As a firefighter, you learned how to put water on fires. As a supervising fire officer, you 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.

FO105D--Incident Leadership (22:24)

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- arriving officer, make decisions and clearly communicate assignments under stress and work within the incident command system to provide a safe and effective response to any emergency.

FO106D--Team Health and Safety (27:19)

Every day, firefighters risk their lives to save people from fires, serious accidents and other perils. But in the heat 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 station. "Watching their backs" is the fire officer's most important responsibility.

FO107D--Community Relations (20:08)

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.

Chapter 14-- Vehicle extrication (VE)

Vehicle extrication emergencies are a leading category of response for fire and rescue personnel. Responding to these incidents is inherently dangerous because of vehicle traffic and many other hazardous conditions. Both patient and responder lives depend on solid, up-to-date training in incident management, basic operational procedures and knowledge of tools and techniques used to complete an efficient and effective extrication. It's critical that emergency responders are aware of hazards and how to control them at an extrication scene. Familiarity and knowledge of equipment use and of new vehicle technology are key to rescuer safety.

To help instructors meet these challenges, we have expanded our Vehicle Extrication (VE) series with new programs on hybrid and electric vehicles, advanced steel and alternative techniques for situations when the team must extricate trapped patients without hydraulic rescue tools. This 10-title Vehicle Extrication series builds on the foundation of our existing seven programs, already a mainstay for training in vehicle extrication throughout the fire service.

VE101D--Incident Overview (20:17)

Discusses initial arrival and establishing command. Defines how to size up the scene and locate hazards. Gives an overview of patient access, disentanglement and extrication.

VE102D--Stabilization (19:12)

Demonstrates how to stabilize a vehicle on four wheels, a side-resting vehicle and a roof-resting vehicle. Shows how to prevent sliding movement and how to stabilize a vehicle on another object. Discusses patient stabilization.

VE103D--Hazard Control and Safety (22:21)

Describes glass types and removal techniques. Identifies airbag locations and hazards. Demonstrates how to shut down the vehicle's electrical system. Discusses restraint systems

VE104D--Initial Procedures (16:11)

Demonstrates how to access the patient, how to access the battery and how to open a jammed trunk. Shows how to remove a windshield and how to create interior space.

VE105D--Door and Sidewall Procedures (18:27)

Demonstrates opening a jammed door. Presents a hinge attack and a latch attack. Shows how to do a vertical crush and how to create a third door. Demonstrates total door removal and total sidewall removal.

VE106D--Roof and Trunk Procedures (16:56)

Demonstrates how to work with a collapsed roof. Presents the roof flap and the C-B-A roof pillar cut. Shows the procedure for total roof removal. Demonstrates trunk tunneling.

VE107D--Interior Procedures (17:07)

Demonstrates how to relocate a steering column. Shows how to move the dash, how to remove and relocate pedals and how to remove and relocate seats.

VE108D--Hybrid & Electric Vehicles (19:44)

Shows basic propulsion systems and common components of hybrid and electric vehicles. Demonstrates seven steps to approach and shutdown of crashed vehicles. Shows alternative procedures for shutdown when the ignition or keys are not accessible.

VE109D--Advanced Steel (13:27)

Shows the rescue challenges presented by increased use of reinforced steel and ultra- high strength steel (UHSS) to protect passengers in vehicle crashes. Shows tools needed to penetrate advanced and reinforced steel, and how to use hydraulic power cutters to cut advanced and reinforced steel. Demonstrates “workaround” techniques to extricate patients trapped when advanced-steel-capable cutting tools aren’t available.

VE110D--Hand Tools Only (23:29)

Shows the components and general operating procedures for non-hydraulic rescue tools, such as rescue air chisels, reciprocating saws and manual jacks. Demonstrates alternative hand-tools-only methods for hood-opening, door and window techniques, roof access, trunk tunneling and interior procedures.