

Prepared by the Kansas Fire & Rescue Training Institute staff for the Kansas Fire Service Training Commission December 2009

Total Events and Services (Training & Certification combined)

Events Delivered	527
Instructional Hours	9,314
Participants	8,800
Student Contact Hours	117,400
Kansas Counties Served	93
Kansas Communities/Organizations Served	417
Other Organizations Served	44
U.S. States Served	10
Countries Served (excluding the U.S.)	0

Training Delivered

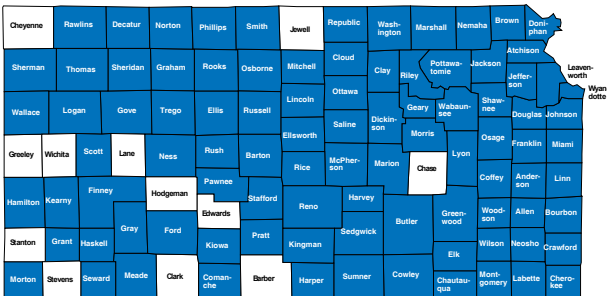
Classes Delivered	411
Instructional Hours	8,653
Participants	6,204
Student Contact Hours	99,274
Kansas Counties Served	91
Kansas Communities/Organizations Served	406
Out-of-State FD's Served	41
U.S. Military Units Served	5
U.S. States Served	10

National Certification Program

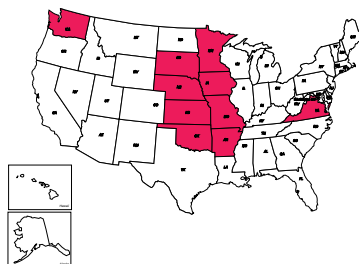
Certification Exams	116
Instructional Hours	661
Participants	2,596
Student Contact Hours	18,126
Kansas Counties Served	74
Kansas Communities/Organizations Served	205
Other Organizations Served	7
U.S. States Served	8



Firefighting scenarios that support Fire Fighter I and II national certifications training are included in the capabilities of the Flammable Liquids & Gases Firefighting Simulator recently delivered to the Kansas Fire & Rescue Training Institute. The "dumpster fire" scenario shown above is one of four scenarios specifically designed to meet Fire Fighter I and II firefighting requirements.



93 Kansas Counties Served in FY 2009
10 States Served in FY 2009



Report Submitted

On behalf of the Fire Service Training Commission by the Kansas Fire & Rescue Training Institute, University of Kansas Continuing Education.

Reporting Requirement

KSA 76-327d. "...The Kansas Fire Service Training Commission shall: publish an annual report in conjunction with the University of Kansas fire service training program concerning the activities and duties of the Kansas fire service training program and commission."



The Kansas Fire Service Training Commission pause for a photo in front of the Flammable Liquids & Gases Firefighting Simulator. Pictured from left to right are: John Lloyd, FSTC Chair; Kathy Elkins, member; Karl McNorton, member; Frederick W. Pawlicki, KU Continuing Education Executive Director; James Long, member; John Mattox, member; Bob Renton, FSTC Vice Chair; Rick Mosher, member; Rodney Redinger, member; Glenn Pribbenow, KF&RTI Director; Andy Moffitt, member; Larry Pander, member. Commission members not shown in this photo are: Mark Bradford, member; J.R. Behan, member.

FIRE SERVICE TRAINING COMMISSION

John Lloyd, Kansas State Association of Fire Chiefs, Chair

Bob Renton, International Association of Arson Investigators, Kansas Chapter, Vice Chair

J.R. Behan, Board of EMS

Mark Bradford, Kansas Association of Professional Fire Chiefs

Kathy Elkins, Kansas State Council of Fire Fighters

James Long, University of Kansas

John Mattox, Kansas Fire Marshal's Association

Andrew Moffitt, Kansas State Fire Fighters Association

Rick Mosher, Fire Educators Association of Kansas

Karl McNorton, Kansas State Fire Marshal's Office

Rodney Redinger, Kansas Forest Service, Kansas State University

Larry Pander, Kansas Community College Fire Training Programs

The Fire Service Training Commission (FSTC) was created by revisions to KSA 76-327 and continues to be engaged in operating the Kansas Fire & Rescue Training Institute. The FSTC meets quarterly to conduct business. In Fiscal Year 2009 there was one change to

the membership. Andrew (Andy) Moffitt was appointed to replace Jim Lubbers as the Kansas State Firefighters Association representative. Andy officially assumed his duties as a commission member on September 11, 2009.

The FSTC extends its appreciation to outgoing Fire Service Training Commission member Jim Lubbers for his service to the firefighters of Kansas.



John Mattox, Shawnee Fire Marshal and Fire Service Training Commission member, is briefed on the new Flammable Liquids & Gases Firefighting Simulator by KF&RTI Manager Rick Deibert.

2009 PROGRAM OVERVIEW

Introduction

Kansas Fire & Rescue Training Institute is pleased to report an ongoing vigor in its training programs for Kansas firefighters. Fiscal Year (FY) 2009 included several improvements in programs and equipment that enhance the Institute's training capabilities and services.

In the FY 2008 Annual Report, the Institute outlined a strategic plan for program and course development. Significant progress toward those planned improvements was made during FY 2009. Many of those improvements are highlighted in this annual report.

Instructional Program Improvements & Accomplishments

New curriculum and national certification testing for Fire Fighter I and II were implemented during FY 2009. A new national training standard for firefighter training and certification drove these new items. An expansion of the requirements for Fire Fighter I and II also required a revision of national certification testing processes. These changes were announced in March 2009 and implemented July 1, 2009.

A new training curriculum (Handling Propane Emergencies) was developed and provided by Institute staff as part of this major improvement in training. A new training simulator was delivered late in the fiscal year and is being equipped and configured for delivery of this realistic and valuable training in Fiscal Year 2010.

A new Mobile Water Supply training course also began in 2009. This course will teach techniques and methods of providing water supply for firefighting operations where local water systems either do not exist or are inadequate for firefighting operations. Primarily targeted for rural applications, the techniques taught in this course will also enhance municipal water systems that are not capable of providing fire flows large enough for major fires. As FY 2009 ends, this course is nearing completion. Pilot testing and final implementation of the curriculum will take place in the spring of 2010.

Fiscal Year 2009 brought the beginning of the Institute's Executive Fire Officer Seminars series

of training opportunities. The inaugural offering titled "Managing Budgets: Today's World Real Applications" was enthusiastically received by all of the fire chiefs and executive fire officers in attendance. This series of seminars is designed to provide leaders of the Kansas Fire Service timely and engaging professional development opportunities.

The Annual Fire School Seminar series experienced significant expansion during FY 2009. Seven seminars including Breathing Air Management, Size Up, Positive Pressure Attack, Practical Fire Service Leadership and Elevator Rescue were offered across Kansas. More than 300 firefighters attended these unique one-day seminars.

The Institute has continued a joint cooperative program with the Kansas Department of Emergency Management/ Adjutant General's Office to provide training for the Incident Management Teams throughout Kansas. After the initial training was completed, a new effort to coordinate and support the delivery of position-specific training for the Incident Management Teams has been ongoing.

Through the activities listed in this section, two of the top five courses identified in our strategic plan were implemented last year and four of the top six programs identified in that plan have been implemented.



Firefighters make their approach on the "residential propane tank" prop. This prop is one of the scenarios included in the Flammable Liquids & Gases Firefighting Simulator delivered to the Institute in June of 2009.



Firefighters work to extinguish a “car fire” as part of the training available using the Institute’s new Flammable Liquids & Gases Firefighting Simulator.

Equipment and Infrastructure Improvements

Flammable Liquids and Gases Firefighting Simulator

After a multi-year process of accumulating funds, development of specifications and construction, a new Flammable Liquids & Gases Firefighting Simulator was delivered in June 2009. The new live firefighting training simulator is designed to simulate propane and other flammable liquid and gas emergencies firefighters may encounter, and will be used in direct support of the Handling Propane Emergencies course. This unit includes eight props, an on-board propane supply, electronic controllers and all hoses and nozzles necessary to support this training. This state-of-the-art training unit is housed in a 45-foot semi-trailer for ease of transportation. As with all training provided by the Institute, this unit will travel throughout Kansas providing this training in local communities.

Mobile Water Supply Support Trailer

The Institute purchased a 14-foot enclosed trailer to house and transport the support equipment for the new Mobile Water Supply course. Equipment included in this trailer are portable water tanks, fire and pumper intake hoses, strainers and other equipment designed to support water supply operations.

Fiscal Matters & Policies

The fiscal status of the Kansas Fire & Rescue Training Institute remained healthy during FY 2009. Funding for the Institute remained relatively level in 2009 while costs of providing training have increased. It is anticipated that during FY 2010 or 2011, the Institute will reach a saturation point in terms of funding. Programs and training will then be leveled off to match available funds.

Purchase of the Flammable Liquids & Gases Training Simulator greatly reduced the program support fund maintained by the Institute for major purchases of new and replacement equipment and props. Major purchases require the accumulation of funds over multiple years in order to finance these purchases. The Program Support Fund has been depleted to a minimum level of reserve normally held for unexpected expenses caused by equipment failure or major repairs needed for the Institute’s fleet of semi-tractors and trailers or the props within those trailers.

With the current economic conditions in Kansas and our country, the Institute continues to maintain a conservative fiscal posture. Adequate funding is still available to continue our services; however, with the economic forecasts predicting no improvement, the Institute will continue to protect our ability to deliver training to the point that financial realities allow.



Three different configurations of propane cylinders and tanks are included in the new Flammable Liquids & Gases Firefighting Simulator. Here firefighters experience a fire involving a 100 lb propane cylinder.

Kansas Cities and Organizations Served in Fiscal Year 2009 (431)

190th ARW FD
 Abilene FD
 Allen Co. Rural Fire Dist. #3
 Altamont/Mt. Pleasant FD
 American Medical Response
 Americus FD
 Anderson Co. FD
 Andover FD
 Arcadia VFD
 Argonia FD
 Arkansas City Fire & EMS
 Arma FD
 Arma PD
 Ashland RFD
 Atchison Co. Fire Dist. #1
 Atchison Co. Fire Dist. #2
 Atchison Co. Fire Dist. #4
 Atchison Co. Fire Dist. #5
 Atchison FD
 Athol City & RFD
 Atmos Energy
 Attica Fire Dist. #1
 Auburn FD
 Augusta Dept. of Safety
 Axtell FD
 Baldwin City VFD
 Bartlett & Hackberry Twp. FD
 Baxter Springs VFD
 Beaver FD
 Belleville FD
 Beloit Juvenile Correctional
 Facility
 Belvue FD
 Beverly FD
 BHC Rhodes
 Blue Rapids FD
 Blue Twp. FD
 Bonner Springs Fire & Rescue
 Bourbon Co. EM
 Bourbon Co. Fire Dist. #3
 Bowker Fire Consulting
 Burrton FD
 Bushton FD
 Butler Comm. College
 Butler Co. Fire Dist. #1
 Butler Co. Fire Dist. #10
 Caney VFD
 Chanute FD
 Chapman FD
 Cherokee RFD
 Cherryvale FD
 Chetopa VFD
 Cimarron VFD
 City of Lenexa

City of Overland Park Public
 Works
 City of Shawnee
 City of Topeka
 Civil Air Patrol
 Claflin Fire Dist. #1
 Claflin PD
 Clark Co. FD
 Clay Center FD
 Clearwater FD
 Clinton Twp. FD
 Clyde FD
 Coffeyville Comm. College
 Coffey Co. Fire Dist. #1
 Coffeyville FD
 Coffeyville Resources LLC FD
 Colby FD
 Columbus FD
 Concordia Fire/EMS Dept.
 Conway Springs FD
 Copeland FD
 Council Grove FD
 Cowley Co. Fire Dist. #2
 Cowley Co. Fire Dist. #3
 Cowley Co. Fire Dist. #4
 Crawford Co. EMS
 Crawford Co. Fire Dist. #1
 Crawford Co. Fire Dist. #2
 Crawford Co. Fire Dist. #4
 Cullison Twp. Fire Dist. #9
 Cunningham FD
 Decatur Co. Rural Fire Dist. #1
 Delia Fire Dist. #5
 Derby FD
 De Soto FD
 Directorate of ES
 Dodge City FD
 Doniphan Co. Fire Dist. #1
 Douglas Co. Sheriff's Office
 Downs FD
 Durham Fire Dist. #1
 Easton Twp. FD
 Edna VFD
 El Dorado FD
 Elkhart FD
 Ellinwood FD
 Ellis Co. RFD
 Ellis FD
 Ellsworth VFD
 Emporia FD
 Ensign FD
 Enterprise FD
 EPCO Enterprise Products
 Erie FD



The pilot delivery of the new Handling Propane Emergencies course was held in Lawrence and involved firefighters from Wakarusa Township Fire Department and Lawrence-Douglas County Fire Medical Department. Firefighters work to control a leak and fire on a prop designed to simulate a pipe leak and fire.

Eudora FD
 Eudora Twp. FD
 Eureka FD
 Fairmount Twp. FD
 Fairview Twp. FD
 Farmland Industries
 Finney Co. EM
 Fontana RFD
 Ford Co. FD
 Ft. Leavenworth FD
 Ft. Riley FD
 Ft. Scott FD
 Fowler VFD
 Frankfort VFD
 Fredonia FD
 Frontenac FD
 Garden City Comm. College
 Garden City FD
 Gardner Public Safety
 Garland FD
 Garnett FD
 Geary Co. EM
 Geary Co. RFD
 Geneseo FD
 Girard FD
 Goodland FD
 Goodyear Tire & Rubber
 Company FD
 Grainfield FD
 Grandview Plaza VFD
 Grant Co. FD
 Great Bend FD
 Halstead FD
 Hamilton Co. EM
 Hamilton Co. FD
 Hanover FD
 Harvey Co. Fire Dist. #1
 Haskell Twp./Sublette FD
 Haven VFD
 Havensville FD
 Haviland VFD
 Hays FD
 Heartland Midwest
 Hepler RFD
 Herington FD
 Herndon FD
 Hesston FD
 Hill City FD
 Hillsboro FD
 Hoisington VFD
 Holcomb FD
 Holton Fire Dist. #4
 Holyrood FD
 Horton FD
 Hoyt Fire Dist. #3
 Hutchinson Comm. College
 Hutchinson FD
 Independence FD
 Ingalls FD
 Iola FD
 Jackson Co. Fire Dist. #2
 Jefferson Co. EM
 Jefferson Co. Fire Dist. #4
 Jefferson Co. Fire Dist. #9
 Jefferson Co. Fire Dist. #10
 Jefferson Co. Fire Dist. #11

Kansas Cities/Organizations Served *(continued)*

Jeffrey Energy Ctr. Fire Brigade	Labette Co. EMS	Meade FD	Onaga City/Rural Fire Dist. #3
Johnson Co. Cons. Fire Dist. #2	Labette Co. Fire Dist. #9	Merriam FD	Olathe FD
Johnson Co. Comm. College	La Harpe RFD	Metro Topeka Airport Authority	Olpe Fire Dist. #1
Johnson Co. Emer. Comms. Ctr.	Larned FD	Miami Co. EMS	Osage Co. Fire Dist. #1
Johnson Co. EM & Homeland Security	Lawrence-Douglas Co. Fire Medical Dept.	Mid-West Fire Training	Osage Co. Fire Dist. #2
Johnson Co. Fire Dist. #1	Leavenworth Co. Fire Dist. #1	Milford FD	Osage Co. Fire Dist. #3
Johnson Co. Fire Dist. #3	Leavenworth FD	Miller RFD	Osage Co. Fire Dist. #4
Johnson Co. Fire Dist. #2	Leawood FD	Miltonvale Rural Fire Dist. #3	Osage Co. Fire Dist. #5
Johnson Co. Med-Act	Lebanon FD	Miltonvale VFD	Osborne FD
Johnson Co. Sheriff's Office	Lecompton FD	Minneola FD	Oskaloosa FD
Johnson Co. Wastewater	Lehigh FD	Mission Twp. FD	Oswego FD
Junction City FD	Lenexa FD	Mitchell Co. EMS	Ottawa FD
Kanawaka Twp. FD	Liberal FD	Mitchell Co. Fire Dist. #3	Ottawa Co. Fire Dist. #4
Kansas Adjutant General	Liberty/Woodbine FD	Mitchell Co. Rural Fire Dist. #1	Ottawa/Lincoln FD #1
Kansas City Kansas Comm. College	Lincoln Co. FD	Montezuma FD	Overland Park FD
Kansas City, Kansas FD	Lindsborg VFD	Montgomery Co. Rural Fire Dist. #1	Overland Park Public Works
Kansas Corp. Commission	Lindsborg PD	Montgomery Co. Sheriff's Dept.	Oxford FD
Kansas Dept. of EM	Linn Co. Fire Dist. #1	Moran Marmaton-Osage FD	Ozawkie Twp. Fire Dist. #7
KDOT Bureau of Traffic Safety	Linn Valley FD	Morton Co. FD	Palmyra Twp. FD
Kansas Forest Service	Lockport FD	Mound City FD	Panhandle Eastern Pipeline
Kansas Gas Service	Louisville Twp. FD	Morris Co. EM	Paola FD
Kansas Highway Patrol	Lyndon FD	Mt. Pleasant Fire Dist. #4	Parsons FD
Kansas Search and Rescue Dog Assoc.	Lyon Co. Fire Dist. #2	Mulvane FD	Parsons PD
Kansas State Fire Marshal's Office	Lyon Co. Fire Dist. #5	Murphy's Fire & Rescue	Pawnee Rock FD
Kansas State University	Lyons FD	NC Regional Planning Commission	Peabody FD
Kaw Twp. Fire Dist. #1	Magellan Midstream Partners LP	Nemaha Co. Rural Fire Dist. #2	Phillipsburg FD
KDEM Tech Hazards	Manhattan FD	Nemaha Co. Fire Dist. #4	Pittsburg FD
Kearny Co. Fire & Rescue	Marion Co. Fire Dist. #3	Neodesha FD	Plainville FD
Kentucky Twp. FD	Marshall Co. EM	Neosho Twp. FD	Pleasanton FD
Kickapoo FD	Marysville FD	Netawaka Rural Fire Dist. #6	Potawatomi Tribal FD
Kinder Morgan	Marysville PD	Newton FD	Pottawatomie Co. Fire Dist. #4
L.O.H. Fire Dist.	Mayetta Fire Dist. #1	Norton Twp. Fire Dist. #12	Pottawatomie Co. Fire Dist. #6
	McLouth FD	NW Kansas Planning & Dev. Comm.	Pottawatomie Co. Fire Dist. #7
	McPherson Co. Fire Dist. #5	Oketo Rural Fire Dist. #5	Pottawatomie Co. Fire Dist. #8
	McPherson Co. Fire Dist. #9		Pottawatomie Co. Fire Dist. #10
	McPherson FD		Pottawatomie Twp. FD
	Meade Co. EMS		Powhattan FD
			Pratt FD



Firefighters prepare to extinguish a simulated propane leak and fire utilizing the Kansas Fire & Rescue Training Institute's Flammable Liquids & Gases Firefighting Simulator.

Kansas Cities/Organizations Served *(continued)*



Firefighters from Wakarusa Township Fire Department prepare to take part in a live fire training exercise delivered by the Kansas Fire & Rescue Training Institute.

Preston Twp. Fire Dist. #6
 Rainbows United, Inc.
 Ransom VFD
 Ransom Financial
 Consultants LLC
 Reading FD
 Reading Benefit Fire Dist. #1
 Reno Co. EM
 Reno Co. Fire Dist. #4
 Reno Co. Fire Dist. #7
 Reno Twp. FD
 Richmond FD
 Riley City FD
 Riley Co. Fire Dist. #1
 Rock Creek Twp. FD
 Rural Dev. Assoc. of NE Kansas
 Rural Fire Dist. #1
 Rural Twp. FD
 Rush Co. Fire Dist. #5
 Russell FD
 Sabetha FD
 Salina Airport Authority
 Salina FD
 Saline Co. EM
 Saline Co. Fire Dist. #2
 Saline Co. Rural Fire Dist. #3
 Saline Co. Fire Dist. #5
 Saline Co. Fire Dist. #7
 Satanta/Dudley Twp. FD
 Scandia FD
 Scott Health & Safety
 Scott City FD
 Scott Twp. Fire Dist. #5
 Scranton FD
 Sedan FD
 Sedgwick Co. Fire Dist. #1
 Sedgwick Co. Sheriff's Dept.
 Sedgwick FD
 Seward Co. FD

Shannon FD
 Shawnee FD
 Shawnee Co. EM
 Shawnee Co. Fire Dist. #1
 Shawnee Co. Fire Dist. #2
 Shawnee Co. Fire Dist. #3
 Shawnee Co. Fire Dist. #4
 Shawnee Co. Sheriff's Dept.
 Shawnee Heights FD
 Sheridan Co. FD
 Sherman Twp. FD
 Smith Center FD
 Soldier Twp. FD
 South Haven VFD
 South Hutchinson FD
 Southern Star Central Gas
 Pipeline
 St. John FD
 St. Mary's FD
 St. Paul Mission Twp. FD
 Sterling FD
 Stockton FD
 Stranger Twp. FD
 Sublette FD
 Sumner Co. Econ. Dev. Comm.
 Sumner Co. Fire Dist. #8
 Sumner Co. Fire Dist. #9
 Syracuse FD
 Tampa RFD
 Tonganoxie FD
 Tonganoxie Twp. FD
 Topeka FD
 Towanda Fire & Rescue
 Township 12 FD
 Trego Co. RFD
 Valley Center FD
 Wabaunsee Co. EM
 Wabaunsee Co. Fire Dist. #3
 Wabaunsee Co. Fire Dist. #7

Wakefield FD
 Wakarusa Twp. FD
 Wallace Co. Rural Fire Dist. #2
 Wamego FD
 Wamego PD
 Washington FD
 Washington Co. Fire Dist. #2
 Washington Co. Fire Dist. #3
 Washington Co. Fire Dist. #8
 Washington Co. Fire Dist. #9
 WaterOne
 Waterville FD
 Wellington FD
 Wellsville FD
 Westmoreland FD
 White City FD
 Whitewater VFD
 Whiting Twp. FD
 Wichita FD
 Wichita Mid-Continent
 Airport FD
 Wichita-Sedgwick Co. Fire Res.
 Williamsburg/Homewood FD
 Willow Springs Twp. FD
 Winfield FD
 Wyandotte Co. EM
 Wyandotte Co./KCK Health
 Dept.
 Yates Center VFD
 Zenda FD

Other Organizations Served (44)

ASPCA, Mo.
 Bruno VFD, Neb.
 Central Whidbey Island Fire
 & Rescue, Wash.
 CVR Energy, Okla.
 Deerfield, Mo. VFD
 Des Moines FD, Iowa
 Drexel FD, Mo.
 EPCO Enterprise Products,
 Mo.
 Fairbury, Neb. FD
 Fuller Education, Mo.
 GPJRTC Crisis City Kan.
 National Guard, Kan.
 Hanover Fire & EMS, Va.
 Independence, Mo. FD
 Iowa Fire Serv. Training
 Bureau, Iowa
 Kansas City, Mo. FD
 KCP&L, Mo.
 Kinder Morgan, Mo.
 Kinder Morgan, Neb.
 Knob Noster FD, Mo.
 Koch Pipeline Co., Minn.
 Lincoln Fire & Rescue, Neb.
 Lone Jack FD, Mo.
 Missouri Dept. of Natural
 Resources
 Missouri Fire & Rescue
 Training Institute
 Missouri Search & Rescue K-9
 Munson Army Health Ctr.
 Nixa, Mo. Fire Prot. Dist.
 Oak Harbor FD, Wash.
 Oklahoma City FD, Okla.
 Omaha FD, Neb.
 Pennington Co. SAR, S.D.
 Pettis Co. FD, Mo.
 Pinkerton Gov. Ser. FD, Calif.
 Rapid City Dept. of Fire &
 Emer. Serv., S.D.
 Sioux Falls Fire Rescue, S.D.
 South Metro Fire Dist., Mo.
 Southeast Comm. College,
 Neb.
 Springdale FD, Ark.
 Sugar Creek FD, Mo.
 Sunrise Beach Fire Prot.
 Dist., Mo.
 Trenton FD, Mo.
 Turpin FD, Okla.
 West Peculiar, Mo. Fire Prot.
 Kansas U.S. Army Reserves

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KU KANSAS FIRE & RESCUE TRAINING INSTITUTE

The University of Kansas

Services

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Types of Training

Firefighting Skills
Technical Rescue
Fire Officer
Fire Instructor
Hazardous Materials
Tactics and Strategies
Incident Command
Response to Terrorist Incidents
Arson Identification
Fire Apparatus
Fire Inspection
Other topics available by request

Methods of Delivery

Direct (by institute instructors)
In-house (by department instructors)
Regional (fire schools and conferences)



KF&RTI's new Flammable Liquids & Gases Firefighting Simulator replicates realistic fires for quality training. The fire on the left is a simulation of a relief valve release on a residential propane tank. The photo on the right is an actual activation of a relief valve from training conducted on a "live" tank in the 1980s.

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