

Subject Report

NFPA 1081 (Industrial Firfighting)

ADVANCED EXTERIOR

1001-43.1T Extinguish an Ignitable Liquid Fire - Theory

Learn the theory of extinguishing an ignitable liquid fire while operating as a member of a team using an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates and a water supply. You will ensure that the proper type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, the fire is extinguished, re-ignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.

Certification: 0.00 **Re Certification:** 0.00
1001-43.3T

Control a Flammable Gas Cylinder Fire - Theory

Learn the theory of controlling a flammable gas cylinder fire while operating as a member of a team. This includes fire in cylinder outside of a structure as well as using an attack line, personal protective equipment and tools. As well, learn to maintain crew integrity, identify cylinder contents, identify safe havens before advancing, close open valves, eliminate leaking gas to extinguish flames, cool the cylinder, evaluate cylinder integrity, recognize and act on hazardous conditions, and face the cylinder during approach and retreat.

Certification: 0.00 **Re Certification:** 0.00
1081-AE01

Orientation and Safety 2

Through theory and practical components build on your knowledge of basic fire department organizational structure and operating procedures, and learn to distinguish the duties and functions of fire brigade personnel.

Certification: 0.00 **Re Certification:** 0.00
1081-AE12

Forcible Entry Tools and Techniques 1

Through theory and practical components learn to identify the tools and techniques used to gain entry into secured areas during emergency operations.

Certification: 0.00 **Re Certification:** 0.00
1081-AE15

Search and Rescue

Through theory and practical components learn to conduct a search and rescue operation as a member of a team.

Certification: 0.00 **Re Certification:** 0.00
1081-AEFF1

Advanced Exterior Firefighting

Through theory and practical components learn to safely and efficiently extinguish exterior Class A and B fires using the knowledge and skills you gained in the preceding modules.

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Certification: 1081-CLRH01	0.00	Re Certification:	0.00	Coupling, Loading and Rolling Hose 1 Through theory and practical components learn to couple, load and roll hose.
Certification: 1081-DASS1	0.00	Re Certification:	0.00	Detection, Alarms and Suppression Systems Through theory and practical components learn to identify the components and operation of common detection and suppression systems, to perform basic operations at locations protected by these systems and to carry out inspections of these systems.
Certification: 1081-FB02	0.00	Re Certification:	0.00	Fire Behaviour 1 Learn to predict probable fire behaviours and know the actions necessary to change or prevent these behaviours.
Certification: 1081-FFS01	0.00	Re Certification:	0.00	Foam Fire Streams Through theory and practical components learn to identify why foam is an effective extinguishing agent, to explain how foam is generated, to select the appropriate foam for specific fire situations, to mix foam concentrate, and to assemble and operate a foam fire stream.
Certification: 1081-GL01	0.00	Re Certification:	0.00	Ground Ladders Through theory and practical components learn to identify, carry, raise, climb, inspect and maintain fire service ground ladders.
Certification: 1081-LCAH01	0.00	Re Certification:	0.00	Laying, Carrying and Advancing Hose 1 Through theory and practical components learn to make hydrant connections from various lays as well as to carry, drag, advance and handle both charged and uncharged hoselines.
Certification: 1081-PC01	0.00	Re Certification:	0.00	Protective Clothing Through theory and practical components learn to properly put on and take off required protective clothing and use a PASS device.
Certification: 1081-PE02	0.00	Re Certification:	0.00	Portable Fire Extinguishers 2 Through theory and practical components learn to identify and use portable fire extinguishers to extinguish small Class A, B, C and D fires.
Certification: 1081-RK01	0.00	Re Certification:	0.00	Ropes and Knots Through theory and practical components learn to identify and properly knot, use and maintain various types of rope used in the fire service.
Certification: 1081-SCBA01	0.00	Re Certification:	0.00	Self-contained Breathing Apparatus Through theory and practical components learn to properly use, inspect and store self-contained breathing apparatus.
Certification: 1081-SOPE1	0.00	Re Certification:	0.00	Salvage, Overhaul and Protecting Evidence Through theory and practical components learn to

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conduct a salvage and overhaul operation as a member of a team.

Certification: 0.00 **Re Certification:** 0.00
1081-WFS01 **Water Fire Streams 1**

Through theory and practical components learn to identify and operate nozzles and tips for water fire streams.

Certification: 0.00 **Re Certification:** 0.00
1081-WS01 **Water Supply 1**

Through theory and practical components learn the fundamentals of a water supply system and to connect a fire department pumper to various water sources.

Certification: 0.00 **Re Certification:** 0.00
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1081-CLRH01 **Coupling, Loading and Rolling Hose 1**

Through theory and practical components learn to couple, load and roll hose.

Certification: 0.00 **Re Certification:** 0.00
1081-FB02 **Fire Behaviour 1**

Learn to predict probable fire behaviours and know the actions necessary to change or prevent these behaviours

Certification: 0.00 **Re Certification:** 0.00
1081-IN01 **Orientation and Safety 3**

Through theory and practical components learn to describe basic fire department organizational structure and operating procedures, and distinguish among the duties and functions of fire brigade personnel.

Certification: 0.00 **Re Certification:** 0.00
1081-IN03 **Portable Fire Extinguishers 1**

Through theory and practical components learn to identify and use portable fire extinguishers to extinguish small Class A, B, C and D fires.

Certification: 0.00 **Re Certification:** 0.00
1081-IN08 **Automatic Sprinkler Systems 1**

Through theory and practical components learn basic operations at locations protected by automatic sprinkler systems.

Certification: 0.00 **Re Certification:** 0.00
1081-IN09 **Property Conservation 1**

Through theory and practical components learn to safely and efficiently perform salvage operations by using one and two firefighter salvage spreads and by constructing water chutes and catchalls.

Certification: 0.00 **Re Certification:** 0.00
1081-IN10 **Incipient Level Firefighting 1**

Through theory and practical components and using the knowledge and skills attained in preceding modules, learn to safely and efficiently extinguish incipient level Class A and Class B fires.

Certification: 0.00 **Re Certification:** 0.00
1081-LCAH01 **Laying, Carrying and Advancing Hose 1**

Through theory and practical components learn to make hydrant connections from various lays. Also learn how to carry, drag, advance and handle both charged and uncharged hoselines.

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Certification: 0.00 **Re Certification:** 0.00
1081-WFS01 **Water Fire Streams 1**

Through theory and practical components learn to identify and operate nozzles and tips for water fire streams.

Certification: 0.00 **Re Certification:** 0.00
1081-WS01 **Water Supply 1**

Certification: 0.00 **Re Certification:** 0.00
IFFE **Industrial Fire Fighter Entry Level**

This 36-hour program is designed to equip current and prospective brigade members with essential skills and knowledge needed for appropriate safe response to a Class A or Class B fire on an industrial plant site. Also learn safe response; the care, maintenance and safe use of personal protective equipment; SCBA; portable fire extinguishers; and, fire hose, nozzles and couplings. The program has 10 modules that form a part of fire etc.'s accredited training in NFPA 1081 Industrial Fire Brigade Member Professional Qualifications“Advanced Exterior Level. Students who choose to complete the remaining nine modules in the future will be eligible for NFPA 1081 certification.

Certification: 0.00 **Re Certification:** 0.00