



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

INSTRUCTIONAL SKILLS

EDUCATION FF II - 1

Present Fire Safety Information

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.2

REFERENCE

Present fire safety information to station visitors or small groups, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred. (5.5.2)

OBJECTIVE

Trainee shall present fire safety information to station visitors or small groups, so that all information is presented, the information is accurate, and questions are answered or referred.

INSTRUCTIONS - procedures for achieving the objective

You shall present fire safety information to your examiner, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

Be prepared to ask questions as part of the skill.

PREPARATION & EQUIPMENT

Life safety presentation information such as:

1. Stop, Drop, and Roll
2. Crawl low in smoke
3. Escape Planning
4. Alerting Others
5. Calling the Fire Department
6. Fire Station Tour
7. Residential Smoke Detector Placement and Maintenance
8. School Exit Plan



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INSTRUCTIONAL SKILLS

EDUCATION FF II - 1

Present Fire Safety Information

Trainee: _____

Department: _____

Trainee shall present fire safety information to station visitors or small groups, so that all information is presented, the information is accurate, and questions are answered or referred. (5.5.2)

	POSSIBLE POINTS	TEST	RETEST
a. Reviews the information to be presented	1		
b. Ensures all necessary equipment and materials are available	1		
c. Presents prepared materials using basic presentation skills	1		
d. Presents information accurately and appropriately for audience	1		
e. Answers or refers questions as appropriate	1		
f. Ensures safety of the audience during the presentation	1		
g. Verbalizes how to document presentations	1		
TOTAL POINTS:	7		

Points needed to pass: 5

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

FIRE STREAMS FF II - 1

Setting up and Operating a Foam Fire Stream

PERFORMANCE STANDARD

Subject: Fireground Operations

NFPA 1001 5.3.1

REFERENCE

Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct 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, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. (5.3.1)

OBJECTIVE

Trainee shall demonstrate setting up and operating a foam fire stream.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the proper procedure for setting up a foam fire stream with the appropriate equipment. You will demonstrate the operation of the foam stream. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Foam concentrate

Foam eductor

Attack hose line

Nozzle

Pumper apparatus

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FIRE STREAMS FF II - 1

Setting up and Operating a Foam Fire Stream

Trainee: _____

Department: _____

Trainee shall demonstrate setting up and operating a foam fire stream. (5.3.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Selects proper foam to be used	1		
b. Checks the eductor and nozzle to make sure they are compatible	1		
c. Ensures the foam concentration matches the eductor percentage rating	1		
d. Adjusts eductor if applicable	1		
e. Attaches eductor to hose of proper size	1		
f. Avoids kinks in the hose	1		
g. Ensures valves on outlets are fully open	1		
h. Attaches attack hose line and nozzle to the discharge end of eductor	1		
i. Opens the foam bucket	1		
j. Places the eductor suction hose into the foam	1		
k. Increases water supply pressure as required by the eductor	1		
TOTAL POINTS:	11		

Points needed to pass: 8

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INSTRUCTIONAL SKILLS

FIRE STREAMS FF II - 2

Applying Foam

PERFORMANCE STANDARD

Subject: Fireground Operations

NFPA 1001 5.3.1

REFERENCE

Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct 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, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. (5.3.1)

OBJECTIVE

Given an ignitable liquid fire scenario, the firefighter trainee will select the appropriate foam concentrate for the fuel involved. The trainee shall demonstrate the proper application of a foam stream on the simulated fire for extinguishment.

INSTRUCTIONS - procedures for achieving the objective

Given an ignitable liquid fire scenario, you will select the appropriate foam concentrate for the fuel involved. You shall demonstrate the proper application of a foam stream on the **simulated** fire for extinguishment. The skill will commence on my instruction to start. The skill will end when all the identified steps have been accomplished and you state to me that you have completed the skill. Do you understand these instructions?

PREPARATION & EQUIPMENT

Foam concentrate (assorted concentrations)

Foam eductor

Attack hose line

Nozzle

Pumper apparatus

Simulated burning fuel area in or around walls or other obstructions

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

FIRE STREAMS FF II - 2

Applying Foam

Trainee: _____

Department: _____

Given an ignitable liquid fire scenario, the firefighter trainee will select the appropriate foam concentrate for the fuel involved. The trainee shall demonstrate the proper application of a foam stream on the simulated fire for extinguishment. (5.3.1)

	POSSIBLE POINTS	TEST	RETEST
a. Ensures that the foam is compatible with the fuel burning	1		
b. Opens nozzle to ensure generation of foam	1		
c. Advances to a safe distance from the fire	1		
d. Applies agent on the fuel in an indirect method: 1. Bounces agent off walls or other obstructions 2. Applies the agent in front of the burning fuel and "rolls" the agent onto the fuel 3. In the absence of a wall or obstruction, gently lobs the agent onto the burning liquid	1		
e. Applies the agent in a sufficient rate and amount to extinguish the fuel	1		
f. Takes care not to approach too close to the burning fuel	1		
g. Takes care not to disturb the foam blanket or splash fuel with direct application of the foam stream	1		
TOTAL POINTS:	7		

Points needed to pass: 5

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INSTRUCTIONAL SKILLS

FIRE PROTECTION SYSTEMS FF I - 1

Locating the Main Control Valve

Subject: Fireground Operations

NFPA 1001 4.3.14

REFERENCE

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (4.3.14)

OBJECTIVE

Trainee shall locate the Main Control Valve on a sprinkler system, correctly identify the position of the valve and demonstrate the procedures for fully opening and closing the valve.

INSTRUCTIONS - procedures for achieving the objective

You shall locate the Main Control Valve on a sprinkler system. You will then correctly identify and verbalize the position of the valve to the evaluator. You shall fully close the valve, then fully re-open the valve. After operating the valve, you shall verbalize special conditions for the valve when placing the system in service. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the above identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

An indicating control valve for a sprinkler system

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFII-1

Annual Hose Test

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.5

REFERENCE

Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. (5.5.5)

OBJECTIVE

Trainee shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.

INSTRUCTIONS - procedures for achieving the objective

You shall properly demonstrate the method of performing an annual hose test. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

300' of 1½" or larger hose

Spanners (2)

Nozzle for size hose or gated valve

Hose test gate valve (1/4" hole drilled in the gate)

Fire engine or other fire pump

Hose marking and test recording equipment

Rope, rope hose tool, or hose strap

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFII-1

Annual Hose Test

Trainee: _____

Department: _____

Trainee shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. (5.5.5)

	POSSIBLE POINTS	TEST	RETEST
a. Visually inspects gaskets before connecting hose	1		
b. Connects up to 300' of hose to be tested	1		
c. Connects female end of hose-to-hose test gate valve	1		
d. Connects male end of hose to nozzle (or other valve)	1		
e. Uses spanner wrench to tighten connections	1		
f. Secures hose as required by AHJ	1		
g. Fills hose with water by opening hose test gate valve	1		
h. Bleeds air from hose	1		
i. Ensures no water is leaking, tightens couplings if necessary	1		
j. Marks hose jacket at each coupling	1		
k. Closes hose test gate valve to restrict water flow through ¼" hole	1		
l. Increases pump pressure to required test pressure	1		
m. Monitors hose for leaks	1		
n. Maintains test pressure as required by AHJ	1		
o. Slowly reduces pressure	1		
p. Disengages pump	1		
q. Bleeds pressure and disconnects hoses	1		
r. Checks markings placed on hose near couplings	1		
s. Tags hose that failed test as required by AHJ	1		
t. Records hose test results as required by AHJ	1		
u. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:	21		

Points needed to pass: 15

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

INCIDENT MANAGEMENT SYSTEM FFII-1

Implementing IMS

Subject: General

NFPA 1001 5.1.2, 5.2.2

REFERENCE

Determine the need for command, organize and coordinate the Incident Management System until command is transferred, and function within an assigned role in the Incident Management System. (5.1.2)

Communicate the need for team assistance, given fire department communications equipment, SOPs, and a team, so that the supervisor is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely. (5.2.2)

OBJECTIVE

Trainee shall determine the need for command, organize and coordinate the Incident Management System until command is transferred, and function within an assigned role in the Incident Management System while using communication equipment, as necessary.

INSTRUCTIONS - procedures for achieving the objective

Given a specific scenario, you will determine the need for command, organize and coordinate the Incident Management System until command is transferred, and function within an assigned role in the Incident Management System while using communication equipment, as necessary. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

Whenever possible, integrate the evaluation of this skill within a fire ground/emergency scenario. Here are some examples of scenarios you could use:

- **Scenario #1:** Building fire, two story masonry construction. 30 feet by 50 feet. 50% fire involvement on the first floor with fire extension to the second story. Need to call for a second alarm.
- **Scenario #2:** Large grass fire. Need to request mutual aid from a surrounding department.
- **Scenario #3:** On the scene of an injury accident. Need to request a set of "jaws" or request a second set.
- **Scenario #4:** On the scene of a long incident. Need to call for a canteen service, such as the Salvation Army or other group.
- **Scenario #5:** On the scene of a hazardous materials incident. Need to call for more personnel and specialized equipment.

PREPARATION & EQUIPMENT

SOPs for alarm assignments

Communications equipment and procedures per AHJ

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INSTRUCTIONAL SKILLS

INCIDENT MANAGEMENT SYSTEM FFII-1

Implementing IMS

Trainee: _____

Department: _____

Trainee shall determine the need for command, organize and coordinate the Incident Management System until command is transferred, and function within an assigned role in the Incident Management System while using communication equipment, as necessary. (5.1.2, 5.2.2)

	POSSIBLE POINTS	TEST	RETEST
a. Sizes up the scene	1		
b. Determines the need to implement IMS	1		
c. Establishes and transfers command as needed	1		
d. Organizes and coordinates an IMS	1		
e. Functions within an assigned role in the IMS	1		
f. Provides for personnel accountability	1		
g. Demonstrates the ability to operate fire department communications equipment	1		
h. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	8		

Points needed to pass: 6

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-1

Ignitable Liquid Fire

Subject: Fireground Operations

NFPA 1001 5.3.1

REFERENCE

Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates and a water supply, so that the correct 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, 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. (5.3.1)

OBJECTIVE

Trainee, operating as a member of a team, shall extinguish an ignitable liquid fire.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for extinguishing an ignitable liquid fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

102-A.5.3.1 The Firefighter II should be able to accomplish this task with each type of foam concentrate used by the jurisdiction. This could include the use of both Class A and B foam concentrates on appropriate fires. When using Class B foams to attack flammable or combustible liquid fires, the Firefighter II should extinguish a fire of at least 100 ft² (9 m²). The Firefighter II is not expected to calculate application rates and densities. The intent of this JPR can be met in training through the use of training foam concentrates or gas-fired training props.

PREPARATION & EQUIPMENT

Pumper apparatus with attack hose and nozzles for two lines

Firefighting foam and foam equipment

Ignitable liquid fire (must comply with NFPA 1403)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-1

Ignitable Liquid Fire

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall extinguish an ignitable liquid fire. (5.3.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify fuel type and safety hazards	1		
c. Verifies foam type and concentration are appropriate for fuel and fire conditions	1		
d. Prepares a foam concentrate supply for use	1		
e. Ensures the amount of foam concentrate available is adequate for complete fire extinguishment	1		
f. Deploys 1½" or 1¾" attack hose	1		
g. Assembles foam stream components	1		
h. Checks flow, pattern, and bleeds air from hose	1		
i. Verifies foam production from nozzle	1		
j. Advances hose for fire attack	1		
k. Approaches fire as part of a coordinated team	1		
l. Uses effective foam application techniques	1		
m. Extinguishes fire	1		
n. Prevents water hammer when shutting down nozzle	1		
o. Retreats from fire as part of a coordinated team	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-2

Flammable Gas Cylinder Fire

Subject: Fireground Operations

NFPA 1001 5.3.3

REFERENCE

Control a flammable gas cylinder fire, operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat. (5.3.3)

OBJECTIVE

Trainee, operating as a member of a team, shall extinguish a flammable gas cylinder fire.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for extinguishing a simulated fire involving a flammable gas cylinder. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

EXAMINERS NOTE

This skill may be performed as a simulation.

102-A.5.3.3 Controlling flammable gas cylinder fires can be a very dangerous operation. The Firefighter II should act as a team member, under the direct supervision of an officer, during these operations.

PREPARATION & EQUIPMENT

Pumper apparatus

Attack hose and nozzles for two lines

Flammable gas cylinder (may be simulated)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-2

Flammable Gas Cylinder Fire

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall extinguish a flammable gas cylinder fire. (5.3.3)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify fuel type, a safe haven and safety hazards	1		
c. Verbally states that cylinder integrity and changing cylinder conditions are assessed as needed	1		
d. Deploys 1½" or 1¾" attack hose	1		
e. Checks flow, pattern, and bleeds air from hose	1		
f. Facing cylinder, approaches fire as part of a coordinated team	1		
g. Advances hose for fire attack	1		
h. Applies water to cool the cylinder	1		
i. Applies water to isolate control valve	1		
j. Chooses effective procedures if conditions change	1		
k. Does not extinguish the fire with water application	1		
l. Closes control valve	1		
m. Allows flame to burn out	1		
n. Facing cylinder, retreats from fire as part of a coordinated team	1		
o. Prevents water hammer when shutting down nozzle	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-3

Coordinate an Interior Attack

Subject: Fireground Operations

NFPA 1001 5.3.2

REFERENCE

Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire, given attack lines, personnel, personal protective equipment, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (for example, attic, grade level, upper levels or basement); attack techniques are communicated to the attack team; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack team; and incident command is apprised of changing conditions. (5.3.2)

OBJECTIVE

Trainee, operating as a member of a team, shall coordinate an attack on an interior structure fire.

INSTRUCTIONS - procedures for achieving the objective

Operating as a member of a team, you will demonstrate the proper technique for coordinating an interior attack on a structure fire. You shall communicate attack techniques, fire growth and development, search, rescue and ventilation requirements, and report hazards to incident command. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

(A.5.3.2) The firefighter II should be able to coordinate the actions of the interior attack line team at common residential fires and small business fires in the department's district. Complex or large interior fire management should be left to officers: however, this JPR will facilitate the development of the firefighter II towards effectively handling specific assignments within large fires.

PREPARATION & EQUIPMENT

Pumper apparatus

Attack hose and nozzles for two lines

Multiple story structure or burn facility suitable for interior fire attack

Material for burning (must comply with NFPA 1403)

All needed support equipment and personnel for the scenario

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

LIVE FIRE FFII-3

Coordinate an Interior Attack

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall coordinate an attack on an interior structure fire. (5.3.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Assembles team	1		
b. Performs a size-up to identify safety hazards	1		
c. Identifies developing hazardous building or fire conditions	1		
d. Evaluates and forecasts fire growth and development	1		
e. Chooses proper attack techniques based on level of fire (attic, grade level, upper levels or basement)	1		
f. Communicates identified hazards and attack techniques to team members	1		
g. Deploys attack hose(s)	1		
h. Selects forcible entry tools	1		
i. Gains access into the fire area	1		
j. Incorporates ventilation procedures in coordination with fire attack	1		
k. Advances hose for fire attack	1		
l. Extinguishes fire	1		
m. Performs a search in the immediate fire area	1		
n. Provides CAN (conditions, actions, needs) reports to the Incident Commander during skill	1		
o. Maintains team integrity and coordination during skill	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

MAINTENANCE FFII-1

Power Equipment Maintenance

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.4

REFERENCE

Maintain power plants, power tools, and lighting equipment, given tools and manufacturers' instructions, so that equipment is clean and maintained according to manufacturer and departmental guidelines, maintenance is recorded and equipment is placed in a ready state or reported otherwise. (5.5.4)

OBJECTIVE

Trainee shall maintain power plants, power tools, and lighting equipment.

INSTRUCTIONS - procedures for achieving the objective

Given a power plant, electrical cords, and lighting equipment, you will demonstrate and verbalize when the proper procedures are necessary for servicing and maintaining a power plant and lighting equipment. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

SAFETY NOTE

The instructor shall stop the firefighter trainee if any safety hazard exists.

PREPARATION & EQUIPMENT

Power plant

Electrical cords

Lighting equipment

Gloves

Cloth

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

MAINTENANCE FFII-1

Power Equipment Maintenance

Trainee: _____

Department: _____

Trainee shall maintain power plants, power tools, and lighting equipment. (5.5.4)			
	POSSIBLE POINTS	TEST	RETEST
a. Reviews manufacturer's service manual	1		
b. Dons appropriate PPE	1		
c. Inspects for wear and tear on the equipment	1		
d. Checks all fluid levels and refills as needed	1		
e. Checks for leaks	1		
f. Ensures all safety devices are in place	1		
g. Removes all debris	1		
h. Cleans and dries	1		
i. Operates equipment	1		
j. Ensures equipment functions properly	1		
k. Returns equipment to a ready state	1		
l. Documents maintenance per AHJ	1		
m. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	13		

Points needed to pass: 9

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

PREFIRE PLAN FFII-1

Prepare a Pre-incident Survey

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.3

REFERENCE

Prepare a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared. (5.5.3)

OBJECTIVE

Trainee shall prepare a pre-incident survey.

INSTRUCTIONS - procedures for achieving the objective

You will prepare a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Building to prefire plan

Instrument(s) for diagramming sketches



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INSTRUCTIONAL SKILLS

PREFIRE PLAN FFII-1

Prepare a Pre-incident Survey

Trainee: _____

Department: _____

Trainee shall prepare a pre-incident survey. (5.5.3)			
	POSSIBLE POINTS	TEST	RETEST
a. Schedules survey in advance	1		
b. Contacts responsible person	1		
c. Obtains information necessary to complete pre-incident survey form per AHJ	1		
d. Identifies the components and locations of fire protection systems	1		
e. Completes the pre-incident survey form including sketches and/or photos	1		
f. Files the pre-incident survey form	1		
TOTAL POINTS:		6	

Points needed to pass: 4

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

REPORTS FFII-1

Complete an Incident Report Form

Subject: Fire Department Communications

NFPA 1001 5.2.1

REFERENCE

Complete a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete. (5.2.1)

OBJECTIVE

Trainee shall complete a basic incident report.

INSTRUCTIONS - procedures for achieving the objective

You will complete a basic incident report given information from a fire incident. You will be required to complete and proof the report using the provided information. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

Blank report forms or activity sheets

Scenarios of different types of fire incidents

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

REPORTS FFII-1

Complete an Incident Report Form

Trainee: _____

Department: _____

Trainee shall complete a basic incident report. (5.2.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Gathers incident information	1		
b. Determines necessary codes	1		
c. Correctly records information in report	1		
d. Proofs reports (checks spelling)	1		
e. Operates fire department computers or other equipment necessary to complete reports	1		
f. Indicates report writer's name on report	1		
g. Files or forwards as appropriate	1		
h. Backs up report as needed	1		
i. Performs skill in a safe and proficient manner, per AHJ	1		
TOTAL POINTS:		9	

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

RESCUE FFII-1

Manage Vehicle Extrication Hazards

Subject: Rescue Operations

NFPA 1001 5.4.1

REFERENCE

Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (5.4.1)

OBJECTIVE

Trainee, operating as part of a team, shall manage the hazards found on a vehicle extrication scene.

INSTRUCTIONS - procedures for achieving the objective

Operating as a team, you will demonstrate the following technique for extricating a victim entrapped in a motor vehicle; managing vehicle extrication hazards. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

NFPA 1001 A.5.4.1 In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

PREPARATION & EQUIPMENT

Vehicle for extrication evolution

Hazards - battery, spilled fluid, leaks, etc. (may be simulated)

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

RESCUE FFII-1

Manage Vehicle Extrication Hazards

Trainee: _____

Department: _____

Trainee, operating as part of a team, shall manage the hazards found on a vehicle extrication scene. (5.4.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up to identify safety hazards	1		
c. Determines the need for additional resources	1		
d. Identifies and controls traffic hazards	1		
e. Deploys 1½" or 1¾" hose for protection	1		
f. Identifies vehicle fuel type	1		
g. Chocks wheels to prevent vehicle movement	1		
h. Identifies air bag locations	1		
i. Ensures vehicle's gear selector is in "PARK" if possible	1		
j. Ensures vehicle ignition is turned off, if possible	1		
k. Disconnects battery, if possible	1		
l. Identifies other possible power sources (phone chargers, second battery, etc.)	1		
m. Identifies leaks and, if possible, controls leaks	1		
n. Manages spilled fluids creating extrication hazard	1		
o. Communicates identified hazards to team members	1		
p. Maintains situational awareness during skill	1		
q. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	17		

Points needed to pass: 12

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

RESCUE FFII-2

Stabilize a Vehicle

Subject: Rescue Operations

NFPA 1001 5.4.1

REFERENCE

Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (5.4.1)

OBJECTIVE

Trainee, operating as a member of a team, shall stabilize the vehicle at a vehicle extrication scene.

INSTRUCTIONS - procedures for achieving the objective

Operating as a team, you will demonstrate the following technique for extricating a victim entrapped in a motor vehicle: vehicle stabilization. The extrication hazards have already been managed. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

NFPA 1001, A.5.4.1 – In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

PREPARATION & EQUIPMENT

Cribbing and shoring materials Vehicle for extrication evolution
PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

RESCUE FFII-2

Stabilize a Vehicle

Trainee: _____

Department: _____

Trainee, operating as a member of a team, shall stabilize the vehicle at a vehicle extrication scene. (5.4.1)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Performs a size-up and determines need for stabilization	1		
c. Evaluates vehicle's orientation and condition	1		
d. Chocks wheels to prevent wheel movement	1		
e. Identifies support locations under vehicle	1		
f. Positions cribbing under support location	1		
g. Builds layers of cribbing, as needed	1		
h. Uses wedges or shims, as needed	1		
i. Deflates vehicle tires, if appropriate	1		
j. Stabilizes vehicle with four points of ground contact	1		
k. Evaluates and maintains cribbing integrity	1		
l. Maintains situational awareness during skill	1		
m. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		13	

Points needed to pass: 9

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

RESCUE FFII-3

Disentangle a Victim

Subject: Rescue Operations

NFPA 1001 5.4.1

REFERENCE

Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (5.4.1)

OBJECTIVE

Trainee, operating as a member of a team, shall extricate a victim entrapped in a motor vehicle.

INSTRUCTIONS - procedures for achieving the objective

Operating as a team, you will demonstrate the following technique for extricating a victim entrapped in a motor vehicle; victim disentanglement. The extrication hazards have already been managed and the vehicle is stabilized. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

NFPA 1001, A.5.4.1 – In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

PREPARATION & EQUIPMENT

Cribbing and shoring materials

Hydraulic devices

Pneumatic devices

Ratchet devices

Vehicle for extrication evolution

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

RESCUE FFII-3

Disentangle a Victim

Trainee: _____

Department: _____

Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (5.4.1)

	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Initiates patient contact	1		
c. Protects patient, as needed	1		
d. Determines appropriate extrication technique for disentanglement	1		
e. Selects correct tool(s) for extrication technique	1		
f. Removes vehicle window(s), windshield, fender(s), roof, door(s), pillar(s), places relief cuts or displaces the dashboard, as needed to disentangle victim	1		
g. Operates hand and power tool(s), as designed	1		
h. Performs proper extrication technique without further injury to the patient	1		
i. Maintains situational awareness during skill	1		
j. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:	10		

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

RESCUE FFII-4

Assist Rescue Operations Teams

Subject: Rescue Operations

NFPA 1001 5.4.2

REFERENCE

Assist rescue operation teams, given standard operating procedures, necessary rescue equipment, and an assignment, so that procedures are followed, rescue items are recognized and retrieved in the time as prescribed by the AHJ, and the assignment is completed. (5.4.2)

OBJECTIVE

Trainee shall assist rescue operation teams by recognizing and retrieving rescue items.

INSTRUCTIONS - procedures for achieving the objective

You will assist a rescue operation team, following standard operating procedures (SOP), by retrieving necessary rescue equipment. You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

NFPA 1001, A.5.4.2 – The Firefighter II is not expected to be proficient in technical rescue skills. The Firefighter II should be able to help technical rescue teams in their efforts to safely manage structural collapses, trench collapses, cave and tunnel emergencies, water and ice emergencies, elevator and escalator emergencies, energized electrical line emergencies, and industrial accidents.

PREPARATION & EQUIPMENT

Department rescue SOPs or recognized safety practices of the AHJ

Various rescue equipment used by AHJ

Scenarios based on equipment and SOPs used by AHJ

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

RESCUE FFII-4

Assist Rescue Operations Teams

Trainee: _____

Department: _____

Trainee shall assist rescue operation teams by recognizing and retrieving rescue items. (5.4.2)			
	POSSIBLE POINTS	TEST	RETEST
a. Maintains team integrity	1		
b. Sizes up the scene	1		
c. Identifies the hazards	1		
d. Identifies the need for special rescue operations	1		
e. Establishes public barriers	1		
f. Initiates patient contact, if possible	1		
g. Assists rescue teams as a member of the team when assigned	1		
h. Identifies and retrieves correct types of rescue tools for situation	1		
i. Maintains situational awareness during skill	1		
j. Performs skill in a safe and proficient manner	1		
TOTAL POINTS:		10	

Points needed to pass: 7

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

FIRE SAFETY SURVEY FFII-1

Fire Safety Survey in an Occupied Structure

Subject: Fire and Life Safety Initiatives, Preparedness, and Maintenance

NFPA 1001 5.5.1

REFERENCE

Perform a fire safety survey in an occupied structure, given survey forms and procedures, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority. (5.5.1)

OBJECTIVE

Trainee shall perform a fire safety survey in an occupied structure, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.

INSTRUCTIONS - procedures for achieving the objective

Given an occupied structure, survey forms and the appropriate procedures, you shall demonstrate how to conduct a home safety survey. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The space to be surveyed must have a minimum of two life safety hazards for the firefighter trainee to identify.

PREPARATION & EQUIPMENT

Occupied structure suitable for survey

Simulated fire department SOPs

Survey forms



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INSTRUCTIONAL SKILLS

FIRE SAFETY SURVEY FFII-1

Fire Safety Survey in an Occupied Structure

Trainee: _____

Department: _____

Trainee shall perform a fire safety survey in an occupied structure, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority. (5.5.1)

	POSSIBLE POINTS	TEST	RETEST
a. Gathers equipment and informational materials needed to conduct the survey	1		
b. Contacts resident	1		
c. Explains purpose and benefits of the survey to the resident	1		
d. Conducts the survey	1		
e. Identifies hazards	1		
f. Recommends appropriate solutions	1		
g. Discusses general fire safety information with the resident	1		
h. Concludes survey by thanking resident for cooperation	1		
i. Records or reports survey results as required by AHJ	1		
TOTAL POINTS:	9		

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date