



Nevada Fire Service Certification System

Fire Fighter II Candidate Manipulative Skills Manual

Fire & Hazardous Material Training & Certification Bureau
February 2007
Revised November 2010



FIREFIGHTER II MANIPULATIVE SKILL OBJECTIVES

GENERAL

- 1- **Demonstrate procedures for assuming and transferring command at an emergency scene, utilizing an incident management system.**

REFERENCE: NFPA 1001, 2008 Edition, 6.1.1 & 6.2.2

CONDITION: Incident scenario and radio

COMPETENCE:

- Report arrival at emergency scene
- Give a brief size up:
 1. Confirm address upon arrival.
 2. Building and occupancy description.
 3. Nature and extent of situation identify special conditions or hazards.
 4. Operational mode selected (Offensive, Defensive Transitional or Investigation).
 5. Assignments to other responding units.
 6. Establish and name command.
- Request additional resources if needed.
- Transfer command (utilizing department guidelines).

FIRE DEPARTMENT COMMUNICATIONS

- 2- **Complete a basic fire report.**

REFERENCE: NFPA 1001, 2008 Edition, 6.2.1

CONDITION: Incident Report, Fire scenario

COMPETENCE:

- Complete all blanks/boxes for scenario.
- Correct data and information.
- Check spelling.
- Legibility.
- Other pertinent information is recorded in narrative.

FIREGROUND OPERATIONS

3- Demonstrate the correct procedures for extinguishment of an exterior combustible liquid fire with a foam fire stream.

REFERENCE: NFPA 1001, 2008 Edition, 6.3.1

CONDITION: Given a scenario, wearing full protective clothing, SCBA, 1 1/2" or larger hose, foam concentrate, foam system/equipment, foam nozzle, and **2-member firefighter team**

COMPETENCE:

- Assemble foam application system.
- Select correct concentration for required application.
- Approach spill as part of coordinated team.
- Demonstrate proper application techniques.
- Retreat from spill maintaining team integrity.

4. Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire.

REFERENCE: NFPA 1001, 2008 Edition, 6.3.2

CONDITION: Given a fireground scenario, as a team leader and a 2-firefighter team, (for example: attic fire, grade level, upper level, or basement level fire), wearing full P.P.E. & SCBA, 150 feet of charged 1 1/2" or larger attack line, forcible entry tools and a radio.

COMPETENCE:

- Determine location of fire, (attic fire, grade level, upper level, or basement level fire).
- Select correct hose lines.
- Communicate attack method to team members as given by IC.
- Communicate interior fire conditions to team and IC.
- Communicate rescue and ventilation needs with Incident Commander.
- Advance to seat of fire and extinguish.
- Team integrity is maintained (sight, voice or physical contact).

5. Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder:

A- Use of an unmanned Master stream (500 gpm or greater).

REFERENCE: NFPA 1001, 2008 Edition, 6.3.3

CONDITION: Given a scenario, wearing P.P.E., water supply, master stream appliance, 200 feet 2-2 1/2" hose or larger, 2-Firefighter team.

COMPETENCE:

- Escape routes or safe havens are identified.
- Set up appliance.
- Connect hose line from apparatus to appliance.
- Signal for water.
- Exercise safety as hose lines charge.
- Adjust stream of appliance to cool vapor space.

5. Cont: Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder:

B- By approaching cylinder and closing valve.

REFERENCE: NFPA 1001, 2008 Edition, 6.3.3

CONDITION: Given a scenario, cylinder outside of a structure, 7-firefighter team, wearing P.P.E. and SCBA, 2- 1 1/2" or larger hoses, combination nozzles.

COMPETENCE:

- Escape routes or safe havens are identified.
- Contents are identified.
- Cool the vapor space of the cylinder.
- Coordinated advance to cylinder.
- Adjust nozzle patterns during advance for crew protection.
- Try not to extinguish flame.
- Close valve.
- Coordinated retreat from cylinder.
- Adjust nozzle patterns during retreat for cooling vapor space.

6- Protect evidence of fire cause and origin so that the evidence is properly protected from further disturbance.

REFERENCE: NFPA 1001, 2008 Edition, 6.3.4

CONDITION: Given a scenario, wearing P.P.E., flashlight, overhaul tools, hose line or water extinguisher.

COMPETENCE:

- Identify the fire origin area.
- Identify possible causes for fire ignition.
- Identify types of evidence.
- Preserve any evidence found by leaving where found.
- Establish barriers to protect the scene and evidence as found.
- Notify command or fire investigator of findings.

RESCUE OPERATIONS

SAFETY NOTE: while conducting rescue operations around vehicles, safety should be exercised with regards to automobile airbags. All new vehicles have airbags on both the driver and passenger sides of the vehicle. Many newer vehicles have airbags in the doors or roofs. While training on these skills, exercise caution to protect firefighters from accidental airbag activation. Always disconnect the batteries while training on vehicles.

7- Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing:

A. Vehicle Windshield.

REFERENCE: NFPA 1001, 2008 Edition, 6.4.1 & 6.4.2

CONDITION: Given a scenario, wearing full P.P.E., including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, 2-firefighterteam.

COMPETENCE:

- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Use airbag restraint device as applicable.
- Maintain victim safety during windshield removal.
- Remove windshield completely.

B. Vehicle Roof.

REFERENCE: NFPA 1001, 2008 Edition, 6.4.1 & 6.4.2

CONDITION: Given a scenario, wearing full P.P.E., including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, 4-firefighterteam.

COMPETENCE:

- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Use airbag restraint device as applicable.
- Check for side restraint safety system.
- Maintain victim safety during roof removal.
- Cut front vehicle roof posts and fold roof back or remove roof entirely.

7- Cont: Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing:

C. Vehicle Door.

REFERENCE: NFPA 1001, 2008 Edition, 6.4.1 & 6.4.2

CONDITION: Given a scenario, wearing full P.P.E., including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, 2-firefighterteam.

COMPETENCE:

- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Use airbag restraint device if applicable.
- Maintain victim safety during door removal.
- Remove door.

D. Displace dashboard.

REFERENCE: NFPA 1001, 2008 Edition, 6.4.1 & 6.4.2

CONDITION: Given a scenario, wearing full P.P.E., including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, 2-firefighterteam.

COMPETENCE:

- Crib vehicle for safety.
- Disconnect the vehicle battery.
- Use airbag restraint device if applicable.
- Maintain victim safety during dashboard displacement.
- Displace the dashboard.

PREVENTION, PREPAREDNESS, & MAINTENANCE

8- Demonstrate inspection procedures for a private dwelling.

REFERENCE: NFPA 1001, 2008 Edition 6.5.1

CONDITION: Wearing department uniform, clipboard, flashlight, checklist, fire prevention materials.

COMPETENCE:

- Greet occupant at door, explain purpose, procedures.
- Explain purpose is to educate and not to enforce.
- Inspect basement, attic, utility room, storage room, kitchen and garage.
- Inspect other rooms at request of owner.
- Identify special hazards: heating appliances, smoking materials, electric outlets, storage of flammable liquids and combustible materials.
- Placement of smoke detectors.
- Discuss home escape plan.
- Discuss results of inspection and suggested corrections.
- Thank occupant and leave literature.

9- Present a prepared program to an audience on the following topic: Stop Drop and Roll.

REFERENCE: NFPA 1001, 2008 Edition 6.5.2

CONDITION: Wearing department uniform, audience and fire prevention materials.

COMPETENCE:

- Greet class and introduce yourself.
- Introduce topic.
- Present topic.
- Review major points.
- Answer questions.
- Hand out reading material as necessary.
- Document the presentation following SOP.

10- Prepare a pre-incident survey.

REFERENCE: NFPA 1001, 2008 Edition 6.5.3

CONDITION: Given an assignment, clipboard, form, graph paper, and pencils.

COMPETENCE:

- Draw a plot plan.
- Draw a floor plan.
- Identify utility controls.
- Identify means of egress.
- Identify occupant information.
- Identify occupancy or special hazards.
- Identify suppression systems and controls.
- Use standard mapping symbols and abbreviations.

11- Demonstrate the service and maintenance of portable power plants and lighting equipment.

REFERENCE: NFPA 1001, 2008 Edition, 6.5.4

CONDITION: Given a gasoline-powered generator, electrical power cords, portable lighting.

COMPETENCE:

- Check oil and gasoline for "full" level.
- Check air cleaner element for debris.
- Check spark plug and spark plug wire for deterioration and proper connection.
- Check unit for loose bolts or screws.
- Check electrical cords to ensure insulation is not damaged.
- Check portable lights for damage.
- Start unit and test operation of lighting equipment.
- Document maintenance of equipment in log book.

12- Demonstrate annual service test for fire hose.

REFERENCE: NFPA 1001, 2008 Edition, 6.5.5

CONDITION: Fire helmet, gloves, 3-firefighter team, 150 ft. up to 300 ft. of 1 1/2" or larger hose, hose testing machine or fire department pumper, gate valve, nozzle, marking pen, and hose records.

SAFETY: PRESSURIZED HOSE IS POTENTIALLY DANGEROUS. DO NOT STAND OR WALK NEAR PRESSURIZED HOSE DURING TEST.

COMPETENCY:

- Connect hose sections together (check gaskets before connecting).
- Tighten connections between sections with spanner.
- Connect test length to test valve (gate valve with 1/4 hole drilled into center of gate).
- Attach nozzle to open end of the hose line.
- Fill hose with a pump pressure of 50 psi or to hydrant pressure.
- Open nozzle and discharge all air from hose line.
- Close nozzle.
- Check hose for kinks and twists or leaking connections.
- Mark hose jackets against each coupling.
- Close test gate valve.
- Increase pump pressure to the required test pressure (250-psi).
- Maintain test pressure for 5 minutes.
- Slowly reduce pump pressure.
- Close discharge valves and open nozzle to drain pressure from hoseline.
- Check marks placed on the hose at the couplings.
- Record the test results for each section of hose.

GENERAL

Skill #1: **Demonstrate procedures for assuming and transferring command at an emergency scene, utilizing an incident management system.**

CONDITION: Given an Incident scenario and radio.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Report arrival at emergency scene.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Give a brief size up:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A- Confirm address upon arrival.				
B- Building and occupancy description.				
C- Nature and extent of situation, identify special conditions or hazards.				
D- Operational mode selected (Offensive, Defensive, Transitional, or Investigation).				
E- Assignments to other responding units.				
F- Establish and name command.				
3. Request additional resources if needed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Transfer command, utilizing department guidelines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:	<u>PASS</u>		<u>FAIL</u>	
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

Notice to Evaluators: Candidate must sign for **2nd attempt failures**. By this signature the candidate is notified that he/she has failed this skill and will be require to take a 3rd and final attempt, no sooner than 30 days from today's date. The 3rd attempt will consist of **this skill** plus **one additional skill** from this same area of the standard.

Candidate's Signature: _____

FIRE DEPARTMENT COMMUNICATIONS

Skill #2: **Complete a basic fire report.**

CONDITION: Given an Incident scenario and report form.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Complete all blanks/boxes for scenario.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Correct data and information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Check spelling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Legibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Other pertinent information is recorded in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

FIREGROUND OPERATIONS

Skill #3: **Demonstrate the correct procedures for extinguishment of an exterior combustible liquids fire with a foam fire stream.**

CONDITION: Given a scenario, wearing full protective clothing, SCBA, 1 1/2" or larger hose, foam concentrate, foam system/equipment, foam nozzle, and **2-member firefighter team** (4-member engine company: Officer and Engineer are fulfilling their roles).

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Assemble foam application system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select correct concentration for required application.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Approach spill as part of coordinated team.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Demonstrate proper application techniques.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Retreat from spill maintaining team integrity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
(Please Print)

Evaluator #2: _____
(Please Print)

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Candidate's Signature: _____

FIREGROUND OPERATIONS

Skill #4: **Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire.**

CONDITION: Given a fireground scenario, as a team leader and a 2-firefighter team, (for example: attic fire, grade level, upper level or basement level fire), wearing full protective clothing, SCBA, 150 ft. charged 1 1/2" or larger attack line, forcible entry tools and a radio.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Determine location of fire: attic fire, grade level, upper level or basement level fire.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Select correct hose lines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Communicate attack method to team members as given by IC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Communicate interior fire conditions to team and IC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Communicate rescue and ventilation needs with IC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Advance to seat of fire and extinguish.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Team integrity is maintained during entire operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

FIREGROUND OPERATIONS

Skill #5A: Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder: **Using an unmanned Master stream (500 gpm or greater).**

CONDITION: Given a scenario, wearing full protective clothing, water supply, master stream appliance, 200 ft. 2 1/2" hose or larger and 2-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Escape routes or safe havens are identified.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Set up appliance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Connect hose line from apparatus to appliance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Signal for water.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Exercise safety as hose lines charge.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Adjust stream of appliance to cool vapor space.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

FIREGROUND OPERATIONS

Skill #5B: Demonstrate the correct procedures for control of a fire involving a flammable gas cylinder: **by approaching cylinder and closing valve.**

CONDITION: Given a scenario, cylinder outside of a structure, wearing full protective clothing, SCBA, water supply, 2- 1 1/2" or larger hoses, combination nozzles, and 7-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>	<u>2nd Att.</u>
	Y N	Y N
1. Escape routes or safe havens are identified.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Contents are identified.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Cool the vapor space of the cylinder.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Coordinated advance to cylinder.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Adjust nozzle pattern during advance for crew protection.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Try not to extinguish flame.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. Close valve.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. Coordinated retreat from cylinder.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
9. Adjust nozzle pattern during retreat for cooling vapor space.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
 (Please Print)

Evaluator #2: _____
 (Please Print)

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Candidate's Signature: _____

FIREGROUND OPERATIONS

Skill #6: **Protect evidence of fire cause and origin so that the evidence is properly protected from further disturbance.**

CONDITION: Given a scenario, wearing full protective clothing, flashlight, overhaul tools, hoseline or water extinguisher.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Identify the fire origin area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Identify possible causes for fire ignition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify types of evidence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Preserve any evidence found by leaving where found.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Establish barriers to protect the scene and evidence as found.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Notify command or fire investigator of findings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

RESCUE OPERATIONS

Skill #7A: Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing: **a Vehicle Windshield.**

CONDITION: Given a scenario, wearing full protective clothing, including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, and 2-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Crib vehicle for safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Disconnect the vehicle battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use airbag restraint device as applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Maintain victim safety during windshield removal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Remove windshield completely.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

RESCUE OPERATIONS

Skill #7B: Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing: a **Vehicle roof**.

CONDITION: Given a scenario, wearing full protective clothing, including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, and 4-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Crib vehicle for safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Disconnect the vehicle battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use airbag restraint device as applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Check for side restraint safety system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Maintain victim safety during roof removal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Cut front vehicle roof posts and fold roof back or remove roof entirely.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

RESCUE OPERATIONS

Skill #7C: Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by displacing or removing: **a Vehicle Door.**

CONDITION: Given a scenario, wearing full protective clothing, including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, and 2-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Crib vehicle for safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Disconnect the vehicle battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use airbag restraint device as applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Maintain victim safety during door removal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Remove door.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

RESCUE OPERATIONS

Skill #7D: Demonstrate the following evolutions, which may be required to extricate an entrapped victim of a motor vehicle accident by: **Displace dashboard.**

CONDITION: Given a scenario, wearing full protective clothing, including eye protection (per NFPA 1500 Helmet face visor is not considered appropriate eye protection), vehicle, cribbing, extrication equipment used by the department, and 2-firefighter team.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Crib vehicle for safety.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Disconnect the vehicle battery.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use airbag restraint device as applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Maintain victim safety during dashboard displacement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Displace the dashboard.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

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Candidate's Signature: _____

PREVENTION, PREPAREDNESS, & MAINTENANCE

Skill 8: **Demonstrate inspection procedures for a private dwelling.**

CONDITION: Wearing department uniform, clipboard, flashlight, checklist, fire prevention materials.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u> <u>2nd Att.</u>	
	Y N	Y N
1. Greet occupant at door, explain purpose, procedures.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
2. Explain purpose is to educate and not to enforce.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
3. Inspect basement, attic, utility room, storage room, kitchen and garage.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
4. Inspect other rooms at request of owner.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
5. Identify special hazards: heating appliances, smoking materials, electric outlets, storage of flammable liquids and combustible materials.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
6. Placement of smoke detectors.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
7. Discuss home escape plan.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
8. Discuss results of inspection and suggested corrections.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
9. Thank occupant and leave literature.	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
(Please Print)

Evaluator #2: _____
(Please Print)

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Candidate's Signature: _____

PREVENTION, PREPAREDNESS, & MAINTENANCE

Skill 9: Present a prepared program to an audience on the following topic: **Stop, Drop and Roll.**

CONDITION: Wearing department uniform, audience and fire prevention materials.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Greet class and introduce yourself.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Introduce topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Present topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Review major points.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Answer questions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Hand out reading material as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Document the presentation following SOP.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
(Please Print)

Evaluator #2: _____
(Please Print)

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Candidate's Signature: _____

PREVENTION, PREPAREDNESS, & MAINTENANCE

Skill #10: **Prepare a pre-incident survey.**

CONDITION: Given an assignment, clipboard, form, graph paper, and pencils.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	<u>Y</u>	<u>N</u>	<u>Y</u>	<u>N</u>
1. Draw a plot plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Draw a floor plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify utility controls.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Identify means of egress.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify occupant information.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Identify occupancy or special hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Identify suppression systems and controls.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Use standard mapping symbols and abbreviations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
(Please Print)

Evaluator #2: _____
(Please Print)

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Candidate's Signature: _____

PREVENTION, PREPAREDNESS, & MAINTENANCE

Skill # 11: **Demonstrate the service and maintenance of portable power plants and lighting equipment.**

CONDITION: Given a gasoline powered generator, electrical power cords, portable lighting.

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Check oil and gasoline for "full" level.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Check air cleaner element for debris.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Check spark plug and spark plug wire for deterioration and proper connection.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Check unit for loose bolts or screws.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Check electrical cores to ensure insulation is not damaged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Check portable lights for damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Start unit and test operation of lighting equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Document maintenance of equipment in log book.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:	<u>PASS</u>		<u>FAIL</u>	
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____
(Please Print)

Evaluator #2: _____
(Please Print)

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Candidate's Signature: _____

PREVENTION, PREPAREDNESS, & MAINTENANCE

Skill #12: **Demonstrate the annual service test for fire hose.**

CONDITION: Given fire helmet, gloves, 3-firefighter team, 150 ft. of 1 1/2" or larger hose, hose testing machine or fire department pumper, gate valve, nozzle, marking pen and hose records.

SAFETY: **PRESSURIZED HOSE IS POTENTIALLY DANGEROUS. DO NOT STAND OR WALK NEAR PRESSURIZED HOSE DURING TEST.**

APPLICANT PERFORMED THE FOLLOWING COMPETENCIES:

	<u>1st. Att.</u>		<u>2nd Att.</u>	
	Y	N	Y	N
1. Connect hose sections together, check gaskets first.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Tighten connection between sections with spanner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Connect test length to test valve, gate valve with 1/4" hole drilled into center of gate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Attach nozzle to open end of the hoseline.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Fill hose with a pump pressure of 50 psi or to hydrant pressure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Open nozzle and discharge all air from hoseline.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Close nozzle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Check hose for kinks, twists, or leaking connections.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Mark hose jackets against each coupling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Increase pump pressure to the required test pressure of 250 psi.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Close test gate valve.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Maintain test pressure for 5 minutes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Slowly reduce pump pressure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Close discharge valves and open nozzle to drain pressure from hoseline.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Check marks place on the hose at the couplings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Record the test results for each section of hose.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE RATING ON THIS SKILL:

	<u>PASS</u>	<u>FAIL</u>
First Attempt	<input type="checkbox"/>	<input type="checkbox"/>
Second Attempt	<input type="checkbox"/>	<input type="checkbox"/>

Evaluator Comments: _____

Evaluator #1: _____

(Please Print)

Evaluator #2: _____

(Please Print)

PREVENTION, PREPAREDNESS, & MAINTENANCE Cont:

Skill #12: **Demonstrate the annual service test for fire hose.**

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