



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409 ♦ 512.453.1876 (fax)

www.sffma.org ♦ 512.454.3473 (phone)

NFPA 1081 – Industrial Fire Brigade: Exterior (2012 Edition)

Performance Standards Evaluation Form

Live Fire Scenario – Monitors

JPR(s): 5.3.3, 5.3.4, 7.1.2.1, 7.1.2.2, 7.2.1, 7.2.4, 7.2.6, 7.3.3, 7.3.5

Objective(s)

Each team will utilize a portable master stream appliance to control a flammable gas fire so a brigade member can approach and safely shut off the valve.

Candidate Instructions

Evaluator must read the following, verbatim, to the candidate:

“This team is composed of individuals who will operate a monitor(s) and a hoseline(s). One person is designated as the team leader and will be responsible for making decisions, communicating with the team, and shutting off the valve. A hose team(s) composed of a nozzle operator, back up, and a second back up, if needed, will protect the monitor team as they approach the project and establish contact with the fire. Then the hose team(s) will move around and protect the team leader as he/she closes the valve. The team will then cool the project and back out safely. Do you have any questions?”

Evaluator Instructions

The evaluator for this team is responsible for observing the team members using monitors to extinguish a pump seal fire. The door can be opened before or after closing the valve for overhaul.

This live fire scenario should be executed with the following characteristics: Use Brayton Fire Field project 67 to simulate a Liquefied Petroleum Gas (LPG)-pump-seal fire with no liquid and only one source (leak) on the pump. The team will utilize a hand line for safety as the valve is closed, but the fire must be captured and controlled with the monitor. External cooling must be effective.

A minimum of six candidates are required for this skill. The following positions must be filled:

- Team Leader
- Water Nozzle Operator #1
- Water Nozzle Backup/Kinker #1
- Water Nozzle Backup/Kinker #2
- Monitor Operator
- Monitor Spotter

If there are more than seven candidates in a class, a second water line can be added with the following additional positions:

- Water Nozzle Operator #2
- Water Nozzle Backup/Kinker #4
- Water Nozzle Backup/Kinker #5
- Water Nozzle Backup/Kinker #6

NOTE: The maximum number of candidates allowed for this skill is eleven.

Read the Candidate Instructions verbatim to the candidate and give them an opportunity to ask questions prior to beginning the skill test. The candidate will not be allowed to view the skill sheet once testing begins. After the question opportunity, prepare your stopwatch and instruct the candidate to begin the skill. While the candidate is performing the skill test, observe whether they perform each of the line items and mark the skill sheet appropriately. All safety violations must be explicitly noted. (A safety violation would be a grossly negligent action, such as a candidate walking into a water stream.)

While a candidate is performing the support role, they cannot coach or help the other candidate in any way; they are there only to follow directions.

Grading Instructions

When filling out forms, be sure to use candidates' first and last names. In order for a candidate to receive credit for a line item, you must correctly circle the appropriate grade/points for each line item on the skill sheet. Earned scores for all line items are either full credit or zero credit; no partial credit is allowed. Note the candidate's status under Initial Test Notes and give it to the lead instructor.



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Failure/Remediation

Even though this is a team exercise, candidates are evaluated individually. If a candidate fails their assigned task, you will announce that the team failed and will have to retest. You should talk to each team member privately, so as not to point out which candidate(s) failed. As in individual skills testing the lead instructor will need to remediate the candidate and have them sign the Retest Information Statement on the skill sheet prior to retesting. Allow the candidate time to practice before retesting. Failed skills must be fully documented in the Notes sections of the skill sheet. All safety violations must be explicitly noted. (A safety violation would be a grossly negligent action, such as a candidate walking into a water stream.)

For the retest, all candidates remain in their original roles/stations; however, only the candidate(s) who failed the first time is evaluated during the retest. If a candidate fails the retest, they have failed the team skill. A candidate who is retesting must be tested in their original position with their original partner.

Preparation & Equipment

- Portable master stream device with nozzles
- Fire hose at staged locations as follows:
 - 300' (91.44 meters) of 2½" (65 mm) hose
 - 300' (91.44 meters) of 1¾" (44.5 mm) hose
 - Combination nozzles (as needed)
- Nozzles
- Gated wye
- Fixed master streams: 2 each with 350 gallons per minute (gpm) (1,325 liters per minute [lpm]) nozzles
- Spanner wrenches
- Breathing apparatus: 1 for each team member with refill ability at the location



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Evaluation Location:		Date:
Evaluator 1 Name:	Retest Evaluator 1 Name:	
Evaluator 1 Signature:	Retest Evaluator 1 Signature:	
Evaluator 2 Name:	Retest Evaluator 2 Name:	
Evaluator 2 Signature:	Retest Evaluator 2 Signature:	
Evaluators may not evaluate a skill if a conflict of interest exists. A conflict may be defined as an interest that affects, or appears likely to affect the judgment or conduct of an individual associated with the skills testing process. An evaluator may not participate in the skills testing process for an immediate family member, classmate, or if he/she was the class instructor for the skill.		

Skill Performance Criteria: Live Fire Scenario - Monitors

Team Leader: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Verbalizes size up; indicates class of fire (Class A, B, or C) and type (spill or pressure)	Pass	Fail	Pass	Fail
Chooses and verbalizes appropriate sizes and lengths of hoses for monitor and water hose	Pass	Fail	Pass	Fail
Chooses appropriate direction of attack	Pass	Fail	Pass	Fail
Uses effective communication to guide team	1	0	1	0
Determines when hand line is necessary and directs personnel to protect his/her approach	1	0	1	0
Directs team to capture and control fire	1	0	1	0
Approaches valve safely and shuts it off	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	1	0	1	0
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Total Points Received (total points available = 4)	_____ pts		_____ pts	
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items and receive at least 3 points)	Pass	Fail	Pass	Fail

Notes:

I understand the remediation policy and have received sufficient retraining.

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Water Nozzle Operator #1: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Is in place before charging hose	Pass	Fail	Pass	Fail
Uses proper attack	Pass	Fail	Pass	Fail
Directs stream, controls fire, and cools area effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

Notes:

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Water Nozzle Backup/Kinker #1: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

Notes:

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Water Nozzle Backup/Kinker #2: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Water Nozzle Backup/Kinker #3 (Optional): _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Monitor Operator: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Points the nozzle skyward when opening monitors for life safety of personnel	Pass	Fail	Pass	Fail
Keeps attention on spotter for hand signals to adjust stream	Pass	Fail	Pass	Fail
Directs stream, controls fire, and cools area effectively	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

Notes:

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Signature

Monitor Spotter: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Uses hand signals to communicate directions to the operator	Pass	Fail	Pass	Fail
Keeps attention on where the water stream is directed	Pass	Fail	Pass	Fail
Positions himself/herself in different locations to gain the best view of the situation	Pass	Fail	Pass	Fail
Communicates to the operator to ensure proper cooling occurs and hidden fires are exposed and extinguished	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Additional Water Line

Water Nozzle Operator #2: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Is in place before charging hose	Pass	Fail	Pass	Fail
Uses proper attack	Pass	Fail	Pass	Fail
Directs stream, controls fire, and cools area effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Water Nozzle Backup/Kinker #4: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Additional Water Line (continued)

Water Nozzle Backup/Kinker #5: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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Water Nozzle Backup/Kinker #6: _____	Initial Test		Retest	
	Pass	Fail	Pass	Fail
Responds adequately to commands from leader	Pass	Fail	Pass	Fail
Checks and eliminates kinks in line	Pass	Fail	Pass	Fail
Coordinates actions to move and deploys line effectively	Pass	Fail	Pass	Fail
Overhauls fire area and exits hazardous area safely	Pass	Fail	Pass	Fail
Opens/Closes water supply properly <i>Circle if Not Applicable: N/A</i>	Pass	Fail	Pass	Fail
Performs skill safely and effectively	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = Must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

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