



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 472 – Hazardous Materials: Technician (2013 Edition)

Performance Standards Evaluation Form

Containing 55-Gallon (208-Liter) Drum Leaks

Competencies: 7.4.2(3)(4), 7.4.3(3)(4)

Objective(s)

Working as members of a two-person team and wearing Level A Personal Protective Equipment (PPE), each candidate will demonstrate the ability to contain two of the four common types of leaks associated with 55-gallon (208-liter) drums and demonstrate one of the three methods of drum overpacking.

Candidate Instructions

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

"In this skill station, working as a member of a two-person team, you will be required to overpack a 55-gallon (208-liter) drum. After overpacking the drum, Candidate A, assisted by Candidate B, will be responsible for containing a chime leak and forklift puncture leak. Candidate B, assisted by Candidate A, will be responsible for containing a bung leak and a nail puncture leak. Once you have completed your assignment, you must request assistance to properly doff your PPE from either the evaluator or your team member. The skill will end when you state or indicate to me that you have completed all of the identified steps. Do you have any questions?"

Evaluator Instructions

The candidates will work together to overpack the 55-gallon (208-liter) drum. After overpacking the drum, each candidate will contain their specified leaks individually. Turn in one skill sheet for both candidates. Candidates must overpack the drum using one of the following methods:

- Rolling slide-in
- Slide-in
- Slip-over

The evaluator can unzip the candidate's PPE if the candidate requests assistance during doffing.

An evaluator must randomly assign a role for each candidate. After the roles are assigned, the evaluator should read the scenario out loud and ensure candidates understand their roles. Make sure each candidate visibly displays his/her name (e.g., name on helmet) to ensure they are operating in their assigned role.

If you do not have enough candidates and must use an already-evaluated candidate or approved personnel to run the skill as designed, document each candidate's name in the position he/she was assigned, mark "N/A" for the individual who is not being evaluated, and write "candidate not evaluated," in the Notes section.

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.)

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.

Failure/Remediation Instructions

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.

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.



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Preparation and Equipment

Evaluation materials:

- 1, 55-gallon (208-liter) drum with the following leaks:
 - Nail puncture
 - Forklift puncture
 - Chime leak
- 1 closed-head 55-gallon (208-liter) drum with a bung leak
- 1 closed-head 55-gallon (208-liter) drum
- Bung wrench
- Plug and patching kit
- Overpack drum
- Level A PPE • 1 lever (e.g., 2 x 4 foot [0.61 x 1.22 meter] board)



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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 the evaluator was the class instructor for the skill.		

Skill Performance Criteria: Containing 55-Gallon (208-Liter) Drum Leak

Candidates A & B:				
Overpack 55-Gallon Drum	Initial Test		Retest	
Inserts 55-gallon drum into overpacked drum without creating further damage	Pass	Fail	Pass	Fail
Checks to ensure bung side is up	Pass	Fail	Pass	Fail
Positions overpack drum in upright position	Pass	Fail	Pass	Fail
Secures the overpack drum with lid or ring with bolt facing down	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

Candidate A:				
Performs skill in proper PPE	Pass	Fail	Pass	Fail
CHIME LEAK Verbalizes positioning of drum with leak in vapor space	Pass	Fail	Pass	Fail
CHIME LEAK Contains leak using appropriate tools and materials provided	Pass	Fail	Pass	Fail
FORKLIFT PUNCTURE LEAK Contains leak using appropriate tools and materials provided (assisted by Candidate B)Takes sample of unknown HazMat	Pass	Fail	Pass	Fail
Requests assistance to properly doff PPE	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

<p>Candidate A Initial Test Notes:</p> <p>Candidate A Retest Notes:</p>	<p>RETEST INFORMATION It is very important that you, as an examinee, understand the number of attempts allowed on the performance skills examination. You are allowed only one retest for each failed skill station.</p> <p>I, _____, have read and understand the above information on retesting.</p> <p><input type="checkbox"/> I have received sufficient retraining and remediation.</p> <p>_____ Signature</p> <p>_____ Date</p>
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Candidate B: _____				
Performs skill in proper PPE	Pass	Fail	Pass	Fail
BUNG LEAK WITH DRUM POSITIONED ON ITS SIDE				
a) Positions drum with leak in vapor space				
b) Contains leak by tightening leaking bung or placing rubber/wooden plug in closure				
BUNG LEAK WITH DRUM POSITIONED ON ITS SIDE				
Uprights drum after controlling leak (assisted by Candidate A)				
NAIL PUNCTURE LEAK				
Contains leak using appropriate tools and materials provided	Pass	Fail	Pass	Fail
Requests assistance to properly doff PPE	Pass	Fail	Pass	Fail
Overall Performance Rating: (Pass = must correctly perform all Pass/Fail items)	Pass	Fail	Pass	Fail

<p>Candidate B Initial Test Notes:</p> <p>Candidate B Retest Notes:</p>	<p>RETEST INFORMATION</p> <p>It is very important that you, as an examinee, understand the number of attempts allowed on the performance skills examination. You are allowed only one retest for each failed skill station.</p> <p>I, _____, have read and understand the above information on retesting.</p> <p><input type="checkbox"/> I have received sufficient retraining and remediation.</p> <p>_____ Signature _____ Date</p>
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