



Hazardous Materials Technician Certification

Skill # 17.4 Drum leak: Nail Puncture Maximum Time Allowed: 15 min.

INSTRUCTIONS TO THE CANDIDATE

Given a simulated leaking hazardous materials drum, assorted tools and equipment, and working as a team of two, the candidate dressed in appropriate personal protective equipment shall contain a nail puncture leak from a metal or plastic drum.

CANDIDATE PERFORMANCE	1 st Attempt		2 nd Attempt	
	Yes	No	Yes	No
◆ Candidate has informed the evaluator that they have been trained in this skill.				
◆ Candidate determines the product and its hazards.				
The candidate selects the proper personal protective equipment.				
Entry and all control operations are conducted as a team and performed in a safe manner, approaching from up hill and up wind. Avoids down wind positions and contact with product when possible.				
Observes any conditions that would indicate reactivity with container or other products or materials.				
◆ If product is flammable, insure vapor suppression activities are in place and effectively controlling vapors below 10% of the LEL.				
Avoids direct contact with hazardous material to the extent possible.				
Determines the location of the leak.				
Attempts to reduce (stop if possible) the leak by uprighting the drum or positioning the leak at the highest point.				
Using the equipment and patching materials provided, completely stops the leak by using inserting a plug or applying a patch.				
Total steps candidate must complete to pass:	8	Total		

◆ **Critical Step** - Failure on this step results in failure of the entire skill.

Candidate Name _____

1st Evaluator Signature _____ Date _____

2nd Evaluator Signature _____ Date _____



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Objective(s): 7.1.2.2(3)(c), 7.1.2.2(4), 7.4.3 (3)(d) NFPA Standard 472 2008 Edition

INSTRUCTIONS TO THE PROCTOR/EVALUATOR

1. The candidate must indicate that they have been instructed how to perform this skill. A negative answer is an immediate failure. No second attempt is allowed. This step doesn't count for the total number of steps the candidate must complete.
2. PPE minimum of structural fire fighting gear with SCBA
3. Evaluator or support staff shall prepare the drum prop and water supply for simulating leaks.
4. The product identification (UN number) will be given to the student at the beginning of the skill.
5. The proctor must provide the candidate with the following items:
 - a. Reference material **NIOSH Pocket Guide**, and/or
 - b. **Material Safety Data Sheet (MSDS)**, and/or
 - c. **ICS 201-OS and ICS 208-HM forms**.
 - d. **Patching material and assorted hand tools**.

Proctor/Candidate Comments

I was informed of the task steps missed that resulted in the failure of this skill and the OSU-FST re-test policies.

Candidate Signature

Date