



Hazardous Materials Operations Certification

Skill # 10 Product Control: Vapor Dispersion	Maximum Time Allowed: 15 min.
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INSTRUCTIONS TO THE CANDIDATE

The candidate shall work as a member of a 3 to 4 person team and will be evaluated as such. Given a simulated hazardous material spill or leak the team shall safely and effectively disperse vapors away from certain areas or material by use of pressurized hose streams.

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.				
◆ Uses an ERG to determine product hazards and determine that vapor dispersion with water spray is an appropriate defensive action.				
Verbalize isolating and evacuating the area according to the ERG guidelines.				
Verbalize eliminating all ignition sources.				
◆ Wears all PPE correctly.				
All positions are preformed properly (nozzleman and backup personnel).				
Approach from uphill and upwind location.				
◆ Before advancing, nozzle is checked for proper flow and pattern. A narrow fog pattern should be used (approximately 30°).				
Advances the hoseline and nozzle to a point where the fog stream is flowing through the vapor cloud.				
Monitors the wind direction and speed, repositions hoseline as needed.				
◆ Avoids contact with the product.				
Monitors application for effectiveness, adjust nozzle pattern and distance from the leak/spill as needed.				
Reports status of objective to supervisor.				
Total steps candidate must complete to pass:	9	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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Skill # 10 Product Control: Vapor Dispersion

Objective(s): 6.6.3.1(2)(i), 6.6.4.1(3)(i)

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.
1. The candidate may perform this skill in either structural firefighter protective clothing or liquid-splash protective clothing (Level "B").
2. The evaluator must provide the reading/results of monitoring that candidates verbalize they would perform.

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