



Office of Training  
and Certification

# New Jersey Division of Fire Safety

## BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

**HMT-38**

Certification title

**Hazardous Material Technician**

### Applicant Information

Candidate name

DFS ID #

Course #

### Evaluation

#### Standard:

**NFPA 470, 2022 edition  
11.4.3.1**

#### Task

#### Perform dilution.

#### Conditions and Outcome

Provided with the proper equipment and tools, the candidate shall use water to dilute a hazardous substance. Competency is demonstrated by performing all steps correctly and in the proper order.

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
1	Using appropriate resources, ensures that substance is not water-sensitive						
2	Ensure proper product control technique is chosen.						
3	Ensure that all responders involved in the control function are wearing appropriate PPE for performing dilution operations and that appropriate hand tools have been selected.						
4	Select a location to perform the dilution operations efficiently and safely.						
5	Evaluate the rate of flow of the material and water to determine the required capacity of the retention area and the quantity of water required to dilute the material.						
6	Flow water to dilute spilled material.						
7	Monitor any diking or dams to ensure integrity of retention area.						
8	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.						
9	Decontaminate tools.						
10	Advance to decontamination line for decontamination.						
11	Inspect and maintain tools and equipment as per local SOPs and manufacturers recommendations.						
12	Complete required reports and supporting documentation.						
Final Test Result for Entire Task							

Evaluator signature & comments, Test #1		Evaluator signature & comments, Retest #1		Evaluator signature & comments, Retest #2	
Evaluator signature	Date	Evaluator signature	Date	Evaluator signature	Date
Candidate signature & acknowledgement,		Candidate signature & acknowledgement,		Candidate signature & acknowledgement,	

Test #1		Retest #1		Retest #1	
By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments		By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments		By my signature below I acknowledge I have read and understood the evaluation results and evaluator comments	
Candidate signature	Date	Candidate signature	Date	Candidate signature	Date

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Approved by NJSME 02/27/19  
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