



Office of Training
and Certification

New Jersey Division of Fire Safety

BASIC PRACTICAL SKILLS EXAMINATION REPORT

Skill sheet #

HMOPS

12

Certification Title

Hazardous Materials Operational Level

USE OF MSDS SHEETS

Applicant Information

Candidate name

DFS ID #

Course #

Evaluation

Standard:
NFPA 472, 2013 Edition
5.2.2(2) and (3)

Task

Given a material safety data sheet, the first responder shall identify the following:
5.2.2(3)
a) physical and chemical characteristics;
b) physical hazards of the material;
c) health hazards of the material;
d) signs and symptoms of exposure;
e) routes of entry;
f) permissible exposure limits;
g) responsible party contact;
h) precautions for safe handling – including hygiene practices; protective measures, and procedures for cleanup of spills or leaks);
i) applicable control measures, including PPE;
j) emergency first aid procedures; and
5.2.2 (2) (2) verbally identify 2 ways to obtain an SDS in an emergency.

Conditions and Outcome

Given a scenario involving Hazardous Materials or WMD, a material safety data sheet, a current edition of the Emergency Response Guidebook, shipping papers, and a list of materials to identify The candidate will correctly give the following information from a material safety data sheet and verbally identify 2 ways to obtain an SDS in an emergency. **The candidate will complete this task with a minimum of 9 items answered correctly.**

Number	Task Steps	First Test		Retest #1		Retest #2	
		Pass	Fail	Pass	Fail	Pass	Fail
	The candidate will correctly identify the following:						
1	Physical and chemical characteristics (boiling point, specific gravity and/or vapor density, appearance/physical state, odor, flash point, vapor pressure, flammable range, water solubility)						
2	Physical hazards of the chemical						
3	Health hazards of the chemical						
4	Signs and symptoms of exposure						
5	Routes of entry to the body						
6	Permissible exposure limits of the chemical (PEL/PEL-C, TLV/TWA, STEL, IDLH, LC50/LC50)						
7	The responsible party contact						
8	Applicable control measures, including PPE						
9	The emergency first aid procedures for the chemical						

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10	Precautions for safe handling (including hygiene practices, protective measures, and procedures for cleanup of spills or leaks)						
11	Two (2) ways to obtain an MSDS in an emergency						
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, Test #1		Candidate signature & acknowledgement, Retest #1		Candidate signature & acknowledgement, Retest #2	
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

Form DFS-SS-1 10/12

Approved by NJ SME Committee 11/7/2013.