

**ARIZONA
HAZARDOUS MATERIALS
OPERATIONS**

**PRACTICAL SKILLS
CERTIFICATION EVALUATION PACKET**
(NFPA Standard 1072, 2017 Edition)

Revised February 2020

ARIZONA HAZ MAT OPERATIONS PRACTICAL SKILLS EVALUATION

Candidate:	Date:
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HMO-1

STANDARD: NFPA 1072, 5.2.1	SKILL: Identify Potential Hazards
TASK: The candidate will identify the scope of the problem at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, and approved reference sources.	
PERFORMANCE OUTCOME: The candidate shall identify, collect, communicate, and describe potential hazards, harm, and outcomes associated with that behavior and surrounding conditions at a hazardous materials/WMD incident.	
EQUIPMENT: ERG, Scenario	
CONDITIONS: The candidate shall complete the following:	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Identify container types at a hazardous materials/WMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identify materials at a hazardous materials/WMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Identify location of release at a hazardous materials/WMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Identify surrounding conditions at a hazardous materials/WMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Collect hazard information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Communicate with pipeline operators or carrier representatives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Describe the likely behavior of the hazardous materials or WMD and its container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Describe the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name	Date
Evaluator Signature	

Overall Skill Sheet Result:
6 out of 8 required
Pass (P): **Fail (F):**

ARIZONA HAZ MAT OPERATIONS PRACTICAL SKILLS EVALUATION

Candidate:	Date:
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HMO-2

STANDARD: NFPA 1072, 5.3.1	SKILL: Identify Action Options
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TASK: The candidate will identify the action options for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, approved reference sources, and the scope of the problem, so that response objectives, action options, safety precautions, suitability of approved personal protective equipment (PPE) available, and emergency decontamination needs are identified.

PERFORMANCE OUTCOME: The candidate shall identify from the scenario provided, the appropriate actions and objectives, safety precautions, PPE and decon to mitigate the scope of the problem.

EQUIPMENT: ERG, Scenario

CONDITIONS: The candidate shall complete the following:

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Identify response objectives and action options based on the scope of the problem and available resources	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identify and take safety precautions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Identify whether approved PPE is suitable for the incident conditions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Identify emergency decontamination needs based on the scope of the problem	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name	Date
Evaluator Signature	<p style="margin: 0;"><u>Overall Skill Sheet Result:</u></p> <p style="margin: 0;">3 out of 4 required</p> <p style="margin: 0;">Pass (P): <input type="checkbox"/> Fail (F): <input type="checkbox"/></p>

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Candidate:	Date:
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HMO-3

STANDARD: NFPA 1072, 5.4.1	SKILL: Action Plan Implementation
TASK: The candidate will perform assigned tasks at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; an assignment with limited potential of contact with hazardous materials/WMD, policies and procedures, the scope of the problem, approved tools, equipment, and PPE.	
PERFORMANCE OUTCOME: Candidate will go through decontamination, and conduct gross decontamination on contaminated tools and equipment, at a hazardous materials/WMD incident.	
EQUIPMENT: Approved tools, equipment, PPE	
CONDITIONS: The candidate shall complete the following:	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Establish and maintain scene control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Recognize and preserve evidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Choose, inspect, don, work in, and go through decontamination while wearing, and doffing approved PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Isolate contaminated tools, equipment, and PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Conduct gross decontamination of contaminated personnel, tools, equipment, and PPE in the field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Clean, disinfect, and inspect approved tools, equipment, and PPE.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Protect exposures and personnel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	***All steps completed safely / Avoid or minimize hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Communicate completion of assignment to command	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name	Date
Evaluator Signature	

<u>Overall Skill Sheet Result:</u>
7 out of 9 required
Pass (P): <input type="checkbox"/> Fail (F): <input type="checkbox"/>

ARIZONA HAZ MAT OPERATIONS PRACTICAL SKILLS EVALUATION

Candidate:	Date:
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HMO-4

STANDARD: NFPA 1072, 5.5.1, 6.2.1	SKILL: Emergency Decontamination
TASK: The candidate (s) shall perform emergency decontamination at a hazardous materials/WMD incident, given a hazardous materials/WMD incident that requires emergency decontamination; an assignment; scope of the problem; policies and procedures; and approved tools, equipment, and PPE for emergency decontamination.	
PERFORMANCE OUTCOME: The candidate shall be able to remove a simulated contaminated person from the contaminated area, wash the contaminated person as necessary, remove contaminated clothing, and coordinate transporting the contaminated person to a medical facility.	
EQUIPMENT: Approved appropriate PPE, water supply, hoses, brushed, containment area, product name, and Emergency Response Guidebook (ERG)	
CONDITIONS: Given a simulated contaminated person and a scenario, the candidate shall demonstrate the ability to perform emergency decontamination on a contaminated person or firefighter.	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Select an emergency decontamination method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Select and use appropriate PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Set up emergency decontamination in a safe area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Implement emergency decontamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Remove contaminated person's clothing and SCBA while maintaining continuous washing if applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Prevent spread of contamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	***Move contaminated person to clean environment and/or ambulance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Communicate containment information to EMS and/or hospital	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name	Date
Evaluator Signature	

Overall Skill Sheet Result:

6 out of 8 required

Pass (P): **Fail (F):**

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Candidate:	Date:
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HMO-5

STANDARD: NFPA 1072, 5.6.1	SKILL: Progress Evaluation and Reporting
TASK: The candidate shall evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, status of assigned tasks, and approved communication tools and equipment.	
PERFORMANCE OUTCOME: The candidate will review and evaluate and report the progress of an assigned task using the Incident Command System, at a hazardous materials/WMD incident.	
EQUIPMENT: Radio, Initial HazMat IAP, ERG	
CONDITIONS: Given a scenario and an assignment, the candidate shall evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident.	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Evaluate and report the progress of the assigned task	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Determine the response objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Utilize the Incident Command System	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Use approved communications tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Communicate the status of assigned task.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name _____ Date _____

Evaluator Signature _____

<p><u>Overall Skill Sheet Result:</u></p> <p>4 out of 5 required</p> <p>Pass (P): <input type="checkbox"/> Fail (F): <input type="checkbox"/></p>
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ARIZONA HAZ MAT OPERATIONS PRACTICAL SKILLS EVALUATION

Candidate:	Date:
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HMO-6

STANDARD: NFPA 1072, 6.2.1	SKILL: Personal Protective Equipment
<p>TASK: The candidate will select, don, work in, and doff approved PPE at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; a mission-specific assignment in an IAP that requires use of PPE; the scope of the problem; response objectives and options for the incident; access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures; approved PPE; and policies and procedures.</p>	
<p>PERFORMANCE OUTCOME: Candidate will select, don, work in, go through decontamination and doff approved PPE at a hazardous materials/WMD incident.</p>	
<p>EQUIPMENT: Approved PPE, access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures.</p>	
<p>CONDITIONS: The candidate shall complete the following:</p>	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
1.	Select PPE for the assignment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Don PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Work in PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Go through decontamination (emergency and technical) while wearing the PPE.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Doff PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Report and document the use of PPE (verbalize or demonstrate this per AHJ requirements)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Inspect, maintain, and store PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	***All steps completed safely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Evaluator Name	Date
Evaluator Signature	

<p><u>Overall Skill Sheet Result:</u></p> <p>6 out of 8 required</p> <p>Pass (P): <input type="checkbox"/> Fail (F): <input type="checkbox"/></p>
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ARIZONA HAZ MAT OPERATIONS PRACTICAL SKILLS EVALUATION

Candidate:	Date:
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HMO-7

STANDARD: NFPA 1072, 6.6.1	SKILL: Product Control Measures & Remote Shut Off Valves
TASK: The candidate shall perform product control techniques with a limited risk of personal exposure at a hazardous materials/WMD incident, given a hazardous materials/WMD incident with release of product shall identify the options for each response objectives and shall meet the requirements as prescribed by the AHJ.	
PERFORMANCE OUTCOME: The candidate will successfully demonstrate each of the abilities identified within the checklist. Candidate will demonstrate using remote control valves and shutoff devices on tanks and containers.	
EQUIPMENT: Personal protective equipment, self-contained breathing apparatus (SCBA), shovels/hand tools, materials that can be used for absorption, damming, diking, diversion, retention, dispersion and suppression, tarps/salvage cover, sandbags, fire hose, various nozzles: hand line, fog/solid stream combination, hose tools and appliances, and water supply. Other equipment/materials may be used based on local resources, portable radio, and local SOP's/SOG's.	
CONDITIONS: Given a scenario involving one of the following: cargo tanks, intermodal tanks in transportation, and containers at fixed facilities, the candidate shall complete the following:	

No.	TASK STEPS	TEST		RETEST 1	
		P	F	P	F
All 3 types and all control techniques must be trained on to proficiency during the program.					
The Proctor selects <u>one of the following types of containers/tanks</u> for final certification examination and a <u>minimum of one control technique</u> (from those listed below) must be demonstrated during the practical exam, to be selected by proctor in consultation with evaluators:					
	a. <input type="checkbox"/> Cargo Tanks b. <input type="checkbox"/> Intermodal Tanks in transportation c. <input type="checkbox"/> Containers at fixed facilities.				
	Absorption (3 out of 4 steps required) <i>(e.g.: absorbent pads, saw dust, diatomaceous earth, gelling agent)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a. Use common, available materials.				
	b. Avoid contact with the hazardous material.				
	c. Ensure drains do not become contaminated.				
	d. Ensure hazardous material is absorbed into absorbent material.				
	Damming (3 out of 3 steps required) <i>(e.g.: sand, dirt, salvage cover, absorbent pads, sewer- storm drain plugs)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a. Use common, available materials.				
	b. <input checked="" type="checkbox"/> Avoid contact with the hazardous material.				
	c. Ensure dam is not breached.				
	Diking (3 out of 4 steps required) <i>(e.g.: dirt, sand bags, absorbent pads, clay)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	a. Use common, available materials.				
	b. Avoid contact with the hazardous material.				
	c. Form a "v" and a "circle" dike.				
	d. Ensure hazardous material does not enter drains or manholes.				

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Dilution (3 out of 4 steps required) <i>(e.g.: applied water stream to dilute substance)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Use common, available materials.				
b. Avoid contact with the hazardous material.				
c. Ensure the hazardous material is water soluble.				
d. Do NOT overflow retention pond of hazardous material.				
Diversion (3 out of 4 steps required) <i>(e.g.: shovels or high pressure water steams, sand bags)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Use common, available materials.				
b. Avoid contact with the hazardous material.				
c. Ensure hazardous material is diverted away from drains and waterways.				
d. Make sure the hazardous material does NOT breach the diversion.				
Retention (3 out of 4 steps required) <i>(e.g.: salvage cover catch-all basin, earthen dams, floating confinement boom, temporary patches on containers)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Define the purpose of retention.				
b. Use common, available materials.				
c. Avoid contact with the hazardous material				
d. Ensure product flow does not exceed retention area.				
Vapor Dispersion (3 out of 4 steps required) <i>(e.g.: water streams, fans)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Avoid contact with the hazardous material.				
b. Eliminate ignition sources, if applicable.				
c. Use water spray or fans to control dispersion.				
d. Move vapors away from threatened area.				
Remote valve shut-off (3 out of 3 steps required)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Avoid contact with the hazardous material.				
b. Eliminate ignition sources, if applicable.				
c. Manipulate valve as instructed to control the flow of the product.				

Comments:

Evaluators Name

Date

Evaluators Signature

Overall Skill Sheet Result:
See scoring requirement listed above next to each control technique

Pass (P): **Fail (F):**