



## HAZARDOUS MATERIALS TECHNICIAN

### NFPA Standard 1072, 2017 Edition, Chapter 7

#### Test Construction Instructions

Testing should be in a scenario format with a different evaluator at each station; 8-10 skills are selected at random including at least 4 mandatory and 4 random. This level of testing has specific requirements for equipment and PPE. Suggest testing candidates first individually using test equipment, PPE requirements, and decontamination skills. Then test all candidates as a member of a Haz-Mat team with a scenario.

#### Hazardous Materials Technician Job Performance Requirements

Skill Sheet	NFPA Section #	Tasks	Certification JPR Requirements: Mandatory, Random (for total of 10 Skill Sheets selected)
<b>Mandatory Skills</b>			
1.	7.2.1	Detection, Monitoring, and Sampling	<b>Select 5 Mandatory</b>
2.	7.2.2	Hazard and Response Information Collection and Interpretation	
3.	7.2.3	Assessing Container Condition	
4.	7.2.4	Predicting Behavior	
5.	7.2.5	Estimating Outcomes	
6.	7.3.1	Response Planning (Response Objectives and Options)	
7.	7.3.2	Personal Protective Equipment (PPE) Selection	
8.	7.3.4	Action Plan Development	
<b>Random Skills</b>			
9.	7.4.1	Action Plan Implementation (Performing Assigned IMS/ICS Duties)	<b>Select 5 Random</b>
10.	7.4.2	Personal Protective Equipment Use	
11.	7.4.3.(1)	Performing Control Functions (Product Control)	
12.	7.4.3.(2)	Controlling Container Leaks	
13.	7.4.3.(3)	Over packing Non-Bulk and Radioactive Materials	
14.	7.4.3.(4)	Liquid Product Transfer	
15.	7.3.3 & 7.4.4(1)	Decontamination Method Selection: (Mass Decontamination)	
16.	7.4.4.2	Technical Decontamination	
17.	7.5.1	Evaluating and Reporting Progress	
18.	7.6.1	Terminating the Incident	



**FIRE PROTECTION BUREAU  
FIRE SERVICE CERTIFICATION  
PO Box 42642  
Olympia WA 98504-2642  
(360) 596-3945**



## HAZARDOUS MATERIALS TECHNICIAN

**Candidate Name** \_\_\_\_\_ **Skill Sheet** 1

**IFSAC ID** \_\_\_\_\_ **Date** \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.2.1		<b>SKILL AREA:</b> Analyzing the Incident, thru Detection, Monitoring, and Sampling			
<b>TASK:</b> Classify hazardous materials/WMD and verify the presence and concentrations of hazardous materials through detection, monitoring, and sampling at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident with released identified and unidentified hazardous materials; an assignment in an incident action plan (IAP); policies and procedures; approved resources; detection and monitoring equipment; and personal protective equipment (PPE), so that PPE is selected and used; hazardous materials/WMD are classified by their basic hazard categories:							
<b>PERFORMANCE OUTCOME:</b> The presence of hazardous materials is verified; the concentrations of hazardous materials in the atmosphere are determined; signs of exposure in victims and responders are recognized and identified; samples of solids, liquids, and gases are collected; results of detection and monitoring equipment are read, interpreted, recorded, and communicated:							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Select appropriate Personal Protective Equipment (PPE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Survey the hazardous material/WMD incident to identify materials involved, identify or classify unknown materials, gather sampling, and through the use of monitoring equipment verify presence and concentration of hazardous materials.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Candidate shall use each of the following types of detection, monitoring, and sampling equipment to either classify hazardous materials by basic hazard categories, verify the presence of hazardous materials or determine the concentration of hazardous materials:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Colorimetrics (e.g., tubes, chips, papers, strips, reagents)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Electrochemical cells (e.g., toxic gas sensors)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Flammable gas/LEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Noncontact thermal detection device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Oxygen concentration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Photoionization detector (PID)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	g. Radiation detection and monitoring devices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Determine radiation dose rates from radioactive material labels, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Collect samples of gases, liquids, and solids; by monitoring, reading, interpreting, recording, and communicating readings from detection, monitoring, and sampling equipment used according to the manufacturers' specifications and recommendations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	a. Demonstrates appropriate method for collecting a gas based on product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Demonstrates appropriate method for collecting a liquid based on product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Demonstrates appropriate method for collecting a solid based on product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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## HAZARDOUS MATERIALS TECHNICIAN

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.2.1	<b>SKILL AREA:</b> Analyzing the Incident, thru Detection, Monitoring, and Sampling			
6.	Completes required reports and supporting documentation for detection, monitoring, and sampling operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

**Evaluator/Candidate Comments** \_\_\_\_\_

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**Retest Approved by** \_\_\_\_\_

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 2

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.2.2	<b>SKILL AREA:</b> Hazard and Response Information Collection and Interpretation			
<b>TASK:</b> Collect and interpret hazard and response information at a hazardous materials/WMD incident:					
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in a IAP, AHJ policies and procedures, approved reference sources, and using approved tools and equipment:					
<b>PERFORMANCE OUTCOME:</b> So that the hazard and response information is collected, interpreted, and communicated.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Collects, and interprets hazard and response information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identifies signs and symptoms of exposure to hazardous materials/WMD, including target organ effects of exposure to hazardous materials/WMD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Determines radiation exposure rates from labels attached to radioactive materials containers if present	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 3

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.2.3		<b>SKILL AREA:</b> Assessing Container Condition			
<b>TASK:</b> Assess the condition of a container and its closures at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given an incident involving hazardous materials/WMD; an assignment in an IAP; policies and procedures; the scope of the incident; identity of material(s) involved and their hazards, including results of detection, monitoring, and sampling; a container with required markings; and approved resources and PPE:							
<b>PERFORMANCE OUTCOME:</b> The container and its closures are inspected; the type of damage to the container and closures is identified the type of stress on the container is identified; the level of risk associated with container and closure damage and stress is identified; safety procedures are followed; hazards are avoided or minimized; personnel, tools, and equipment are decontaminated; and a description of the condition of the container and its closures is communicated:							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Performs duties of an assigned hazardous materials/WMD branch or group position within the local incident management system (IMS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Dons, works in appropriate personal protective clothing (PPE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Assesses the condition of the container and its closures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Identifies the type of damage and level of risk associated with the damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identifies stress(es) on the container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Communicates the condition of the container, its closures and the level of risk associated with that condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 4

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.2.4		<b>SKILL AREA:</b> Predicting Behavior			
<b>TASK:</b> Predict the behavior of the hazardous materials/WMD involved in a hazardous materials/WMD incident							
<b>CONDITIONS:</b> Given an incident involving multiple hazardous materials/WMD; an assignment in an IAP; policies and procedures; physical and chemical properties of the materials involved; results of detection, monitoring, and sampling							
<b>PERFORMANCE OUTCOME:</b> The reactivity issues and hazards of the combined materials are identified, and a description of the likely behavior of the hazards is communicated.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Using the process to predict likely behavior of materials and their containers when multiple materials are involved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identifying reactivity issues associated with mixing various hazardous materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Predicts the likely behavior of released material and their containers when multiple materials are involved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Collects and interprets hazard and response information from printed and technical resources, computer data bases and monitoring equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Describes type and extent of damage to containers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Communicating the predicted behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 5

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.2.5		<b>SKILL AREA:</b> Estimating Outcomes			
<b>TASK:</b> Estimate the potential outcomes at a hazardous materials/WMD incident.							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in an IAP, policies and procedures, the likely behavior of the container and its contents, and approved resources and equipment, so that the concentrations of materials within the endangered area are measured or predicted; physical, health, and safety hazards within the endangered area are identified;							
<b>PERFORMANCE OUTCOME:</b> Areas of potential harm in the endangered area are identified; potential outcomes within the endangered area are identified; and potential outcomes are communicated.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Uses approved resources and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Determines concentrations of materials within the endangered area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identifies the physical, health, and safety hazards within the endangered area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Identifies the areas of potential harm in the endangered area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Determines integrity of the container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Determines a breach has occurred	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Estimates the potential outcomes and size of endangered area using computer modeling, monitoring equipment and/or specialists in this field	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Communicating the potential outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>				

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 6

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.3.1	<b>SKILL AREA:</b> Response Objectives and Options			
<b>TASK:</b> Develop and recommend to the incident commander or hazardous materials officer response objectives and action options at a hazardous materials/WMD incident:					
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident; an assignment in an IAP; results of the incident analysis, including incident-related information, life safety risks, environmental risks, and property risks; available resources; and policies and procedures:					
<b>PERFORMANCE OUTCOME:</b> Response objectives are identified for the incident and action options are identified for each response objective:					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Describes response objectives for hazardous material/WMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identifies the potential response options available based on response objectives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Selects appropriate Personal Protective Equipment required for a given action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Selects technical decontamination process to minimize the hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Develops an action plan for hazardous material/WMD incident, including a site safety plan and control plan, consistent with the emergency response or standard operating procedures and within the capability of the available personnel, personal protective equipment and control equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 7

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.3.2		<b>SKILL AREA:</b> Personal Protective Equipment (PPE) Selection			
<b>TASK:</b> Select the PPE ensemble required for a given response option at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, results of the incident analysis, response objectives and options for the incident, approved references, and policies and procedures:							
<b>PERFORMANCE OUTCOME:</b> Candidate will ensure required PPE is identified for each response option.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Identifies and describes the four (4) levels of PPE as specified by EPA and NIOSH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identifies and describes PPE options available based on type(s) of harm at HMWMD incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identifies process when considering respiratory protection for a specified action option	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Identifies at least three indications of material degradation of chemical-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identifies the different designs of vapor-protective and splash-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Describes advantages and disadvantages to vapor-protective and splash-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Determines the protective clothing construction materials for a given action option using chemical compatibility charts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Identifies the physiological and psychological stresses that can affect users of PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	Describes terms, explains impact and significance on selection of chemical-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
10.	Identifies process for selecting protective clothing for HMWMD incidents and selects PPE ensemble for a specified response option based on all hazards identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
11.	Determine the effectiveness of protective clothing based on its uses and limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 8

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.3.4		<b>SKILL AREA:</b> Action Plan Development			
<b>TASK:</b> Develop a plan of action for a hazardous materials/WMD incident.							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in an IAP, results of the incident analysis, response objectives and options for the given incident, available resources, and policies and procedures, so that the tasks and resources required to meet the response objectives are identified, specified response objectives and response options are addressed.							
<b>PERFORMANCE OUTCOME:</b> Determine the plan is consistent with the emergency response plan policies and procedures, and plan is within the capability of available personnel, PPE, and control equipment.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Describes purpose of, procedures for, equipment required for, and safety precautions used with techniques for HMWMD control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Develops incident action plan including site safety and control plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Lists and describes the safety considerations based on the incident and action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Identifies points that should be made in a safety briefing prior to working at the scene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identifies atmospheric and physical safety hazards associated with HMWMD incidents involving confined space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Identifies pre-entry activities to be performed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Identifies procedures, equipment, and safety precautions for preserving and collecting legal evidence at HMWMD incidents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Describes purpose of, procedures for, equipment required, and safety precautions used with techniques for HMWMD control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 9

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.4.1		<b>SKILL AREA:</b> Performing Assigned IMS/ICS Duties			
<b>TASK:</b> Perform assigned hazardous materials branch or group functions within the incident command system (ICS) at a hazardous materials/WMD incident.							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident; an assignment in an IAP; results of the incident analysis; policies and procedures, including an emergency response plan and standard operating procedures; the IAP; and approved resources:							
<b>PERFORMANCE OUTCOME:</b> Candidate shall ensure the assigned functions within the hazardous materials branch or group are completed							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Performs duties and responsibilities of an assigned function in the hazardous materials/WMD branch or group organization within the local incident management system (IMS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Dons, works in appropriate personal protective clothing, including, but not limited to, both liquid splash- and vapor-protective clothing with correct respiratory protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Performs control functions identified in the incident action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Performs decontamination functions identified in the incident action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Doffs appropriate personal protective clothing, including, but not limited to, both liquid splash- and vapor-protective clothing with correct respiratory protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Communicates observations to hazardous materials branch director/group supervisor, ICS operations section chief, or IC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 10

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.4.2	<b>SKILL AREA:</b> Personal Protective Equipment Use			
<b>TASK:</b> Don, work in, and doff PPE at a hazardous materials/WMD incident.					
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in an IAP, policies and procedures, results of the incident analysis, response objectives and options for the incident, and PPE ensembles as identified in the IAP:					
<b>PERFORMANCE OUTCOME:</b> PPE is selected, inspected, donned, worked in, decontaminated, and doffed; safety procedures are followed; hazards are avoided or minimized; equipment is maintained and stored properly; and the use of PPE is reported and documented.					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Describe three safety procedures for personnel working in chemical-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Describe three emergency procedures for personnel working in chemical-protective clothing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Describe procedures for going through technical decontamination while wearing PPE and inspecting PPE after decon	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Demonstrate the ability to don, work in, and doff PPE and self-contained breathing apparatus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Complete all required reports and supporting documents for the use of PPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

**Evaluator/Candidate Comments** \_\_\_\_\_  
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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 11

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.4.3(1)		<b>SKILL AREA:</b> Performing Control Functions (Product Control)			
<b>TASK:</b> Perform product control techniques at a hazardous materials/WMD incident.							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident with release of product, an assignment in an IAP, results of the incident analysis, policies and procedures for product control, response objectives and options for the incident, and approved tools, equipment, control agents, and PPE, so that an approved product control technique is selected and implemented; the product is controlled; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed:							
<b>PERFORMANCE OUTCOME:</b> Candidate shall ensure hazards are avoided or minimized; personnel, victims, tools, and equipment used are decontaminated; tools and equipment are inspected and maintained; and product control operations are reported and documented:							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Select and use approved PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Select and use approved control agents and equipment on a release involving hazardous materials/WMD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Use container control valves and remote emergency shutoff devices if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Perform product control techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Inspect and maintain tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Complete all required and supporting documentation for product control operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>				

Evaluator/Candidate Comments \_\_\_\_\_

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 12

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.4.3(2)	<b>SKILL AREA:</b> Performing Control functions (As identified in the Incident Action Plan)
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**TASK:** Control leaks from containers and their closures at a hazardous materials/WMD incident:

**CONDITIONS:** Given three scenarios, including (1) a leak from a bulk or non-bulk pressure container or its closures, (2) a leak from a non-bulk liquid container or its closures, and (3) a leak from a bulk liquid container or its closures; an assignment in an IAP; results of the incident analysis; policies and procedures for controlling leaks from containers and/or their closures; and approved tools, equipment, and PPE:

**PERFORMANCE OUTCOME:** Candidate shall select an approved product control technique; select approved PPE; ensure exposures and personnel are protected; ensure safety procedures are followed; ensure hazards are avoided or minimized; ensure hazard monitoring is completed; leaks are controlled (confined or contained); emergency responders, tools, and equipment used are decontaminated; tools and equipment are inspected and maintained; and product control operations are reported and documented:

No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Select and use approved PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Control leaks on containers and their closures by (patching, plugging, sealing closures, using remote valve shutoff, closing valves, repositioning container; replacing missing plugs, and tightening loose fittings)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Select and use approved control agents and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	<b>Given a pressure vessel, select the material or equipment and demonstrate a method(s) to contain leaks from the following locations: Evaluator shall select a minimum of 3 types of leaks and circle the selections:</b>				
	a. Fusible plug	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Fusible plug threads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Side wall of cylinder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	d. Valve blowout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	e. Valve gland	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	f. Valve inlet threads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	g. Valve seat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	h. Valve stem assembly blowout	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	<b>Given the fittings on a pressure container, demonstrate the ability to perform the following:</b>				
	a. Close valves that are open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Replace missing plugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Tighten loose plugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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## HAZARDOUS MATERIALS TECHNICIAN

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.4.3(2)		<b>SKILL AREA:</b> Performing Control functions (As identified in the Incident Action Plan)			
6.	<b>Given a 55 gal (208-L) drum demonstrate the ability to patch or control the leak using the following methods: <u>Select 1 of the methods and circle selection:</u></b>						
	a. Bung leak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Chime leak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Forklift puncture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	d. Nail puncture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	<b>Given a 55 gal (208-L) drum and an over-pack drum,, demonstrate the ability to place the 55 gal (208-L) drum into the over-pack drum using the following methods: <u>Select 1 of the methods and circle selection:</u></b>						
	a. Rolling slide in	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	b. Slide in	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	c. Slip-over	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	<b>Given an MC-306/DOT-406 cargo tank and dome cover clamp:</b>						
	a. Demonstrate the ability to install the clamp on the dome.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Decontaminating tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Inspecting and maintaining tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Requirements for reporting and documenting product control operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety: Yes</b> <input type="checkbox"/>				<b>Equipment Stop Safety: Yes</b> <input type="checkbox"/>			

**Evaluator/Candidate Comments** \_\_\_\_\_  
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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 13

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.4.3(3)	<b>SKILL AREA:</b> Over packing Non-Bulk and Radioactive Materials			
<b>TASK:</b> Over-pack damaged or leaking non-bulk and radioactive materials containers at a hazardous materials/WMD incident.					
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident; an assignment in an IAP; results of the incident analysis; a loaded damaged or leaking container; a suitable over-pack container; policies and procedures; using available survey and monitoring equipment and PPE, shall determine if the integrity of any container has been breached, so that an approved over-pack technique is selected.					
<b>PERFORMANCE OUTCOME:</b> Ensure the damaged or leaking container is placed into a suitable over-pack and the over-pack is closed, marked, and labeled; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; emergency responders, tools, and equipment are decontaminated; tools and equipment are inspected and maintained; and product control operations are reported and documented:					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Selects and uses approved PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Surveys the area and situation surrounding radioactive container breach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Uses appropriate monitoring equipment to survey area and container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Determines integrity of container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Determines a breach has occurred	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Placing a damaged or leaking non-bulk materials container into the over-pack container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Placing a damaged or leaking radioactive materials container into an over-pack container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Following safety procedures, minimizing and avoiding hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Decontaminating tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Inspecting, maintaining tools and equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Completing all requirements for reporting and documenting product control operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

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## HAZARDOUS MATERIALS TECHNICIAN

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 14

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.4.3(4)		<b>SKILL AREA:</b> Liquid Product Transfer			
<b>TASK:</b> Transfer liquids from leaking non-pressure containers at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident; an assignment in an IAP; results of the incident analysis; a leaking non-pressure container and a recovery container; policies and procedures for transferring liquids from leaking non-pressure containers; and approved tools, equipment, and PPE:							
<b>PERFORMANCE OUTCOME:</b> Ensure approved product transfer method is selected and used; approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; hazard monitoring is completed; the containers are bonded and grounded; product is transferred to the recovery container; emergency responders, tools, and equipment used are decontaminated; tools and equipment are inspected and maintained; and product control operations are reported and documented:							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Selects and uses approved PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Identifies a compatible recovery container and transfer equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Monitors for hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Ensure grounding and bonding of containers has been completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Transfers liquid product from a leaking container to a recovery container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Suppress vapors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Decontaminate all tools, equipment and PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Inspect and maintain tools and equipment as required by manufacture and AHJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	Complete all reports and supporting documentation for product control operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 15

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.3.3 & 7.4.4(1)		<b>SKILL AREA:</b> Mass Decontamination			
<b>TASK:</b> Perform mass decontamination for ambulatory and non-ambulatory victims at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident requiring mass decontamination; an assignment in an IAP; results of the incident analysis; policies and procedures; and approved PPE, tools, and equipment, so that PPE is selected and used; a mass decontamination procedure is selected, set up, implemented, evaluated, and terminated:							
<b>PERFORMANCE OUTCOME:</b> Ensure victims are decontaminated; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; personnel, tools, and equipment are decontaminated; and mass decontamination operations are reported and documented:							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Selecting decontamination procedures (operations and methods) and identifying the equipment required to implement decontamination procedure (operations and methods)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Selects and uses suitable PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Selecting a mass decontamination procedure to minimize the hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Setting up and implementing mass decontamination operations: <b>Note: Evaluator select ambulatory or non-ambulatory for testing</b>						
5.	<b>Ambulatory Victims</b>						
	a. Wears appropriate protective clothing properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Verbalizes need for emergency decontamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Directs victim from contamination area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	d. Removes victim's clothing as rapidly as possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Wash exposed body parts immediately – flooding quantities of water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Performs head-to-toe, gross, wash, and rinse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	g. Establish water run off control if possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	h. Transfer victim to EMS for assessment and treatment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	i. Inform EMS personnel of contaminant involved	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	j. Document activity log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<b>Non-Ambulatory Victims</b>						
	a. Wears appropriate protective clothing properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	b. Verbalizes need for emergency decontamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	c. Removes victim to the emergency decontamination area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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## HAZARDOUS MATERIALS TECHNICIAN

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.3.3 & 7.4.4(1)		<b>SKILL AREA:</b> Mass Decontamination			
	d. Ensures victim is secure on roof ladder, stokes basket, skid or other device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	e. Wash from head to toe; gross, wash, rinse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	f. Removes contaminated clothing while ensuring, where practical, that the victim does not come in further contact with any contaminants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	g. Establish water run off control if possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	h. Instructs responders to move victim to clean area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	i. Informs EMS personnel of contaminant, and its hazards if known	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	j. Documents activity log	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Evaluate the effectiveness of the mass decontamination process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>				<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>			

**Evaluator/Candidate Comments** \_\_\_\_\_

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 16

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.4.4.2		<b>SKILL AREA:</b> Technical Decontamination			
<b>TASK:</b> Establish and implement technical decontamination in support of entry operations and for ambulatory and non-ambulatory victims at a hazardous materials/WMD incident.							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident requiring technical decontamination; an assignment in an IAP; results of the incident analysis; policies and procedures; and approved PPE, tools, and equipment, so that approved PPE is selected and used; a technical decontamination procedure is selected, set up, implemented, evaluated, and terminated:							
<b>PERFORMANCE OUTCOME:</b> Ensure victims are decontaminated; safety procedures are followed; hazards are avoided or minimized; if contaminated, personnel, tools, and equipment are decontaminated; and all reports and documentation of technical decontamination operations are completed.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Select and use PPE/SCBA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Select a technical decontamination procedure to minimize the hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Set up and implement technical decontamination operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Evaluate the effectiveness of the technical decontamination procedure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Completing required reports and supporting documentation for technical decontamination operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>			Equipment Stop Safety: Yes <input type="checkbox"/>				

Evaluator/Candidate Comments \_\_\_\_\_  
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Retest Approved by \_\_\_\_\_

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 Evaluator (Print & Sign) Candidate Signature Date

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 Retest Evaluator (Print & Sign) Candidate Signature Date



## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 17

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition		<b>JPR:</b> 7.5.1		<b>SKILL AREA:</b> Evaluating and Reporting Progress			
<b>TASK:</b> Evaluate and report the progress of assigned tasks at a hazardous materials/WMD incident:							
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in an IAP, current incident conditions, response options and actions taken, and approved communication equipment.							
<b>PERFORMANCE OUTCOME:</b> Ensure the actual behavior of material and container is compared to that of what was predicted, the effectiveness of response options and actions in accomplishing response objectives is determined, modifications to the response options and actions are made, and the results are communicated.							
No.	TASK STEPS	FIRST TEST		RETEST			
		Pass	Fail	Pass	Fail		
1.	Compare predicted behavior of the material and its container to the actual behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2.	Communicating the status of response options and actions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3.	Identifies incident action plan objectives for controlling functions at the incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4.	Modifying the response options and actions based on the incident status review	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
5.	Identifies incident action plan objectives for decontamination procedures at the incident	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
6.	Evaluates the effectiveness of any controlling functions identified in the incident action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
7.	Evaluates the effectiveness of any decontamination procedures identified in the incident action plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
8.	Recommends improvements or changes to product controlling functions as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
9.	Recommends improvements or changes to decontamination procedure as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Candidate Stop Safety: Yes <input type="checkbox"/>				Equipment Stop Safety: Yes <input type="checkbox"/>			

Evaluator/Candidate Comments \_\_\_\_\_

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## HAZARDOUS MATERIALS TECHNICIAN

Candidate Name \_\_\_\_\_ Skill Sheet 18

IFSAC ID \_\_\_\_\_ Date \_\_\_\_\_

<b>NFPA STANDARD:</b> 1072, 2017 Edition	<b>JPR:</b> 7.6.3	<b>SKILL AREA:</b> Terminating the Incident (Reporting and documenting the Incident)			
<b>TASK:</b> Terminate a hazardous materials/WMD incident:					
<b>CONDITIONS:</b> Given a hazardous materials/WMD incident, an assignment in an IAP, policies and procedures, operational observations of response operations (incident information), and approved forms for documentation and reporting:					
<b>PERFORMANCE OUTCOME:</b> Candidate shall ensure that assistance in scheduled incident debriefings and critiques is provided, and incident operations are reported and documented:					
No.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Identify the reports and supporting documentation required by the emergency response plan, standard operating procedures, local, state and federal agencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Communicating operational observations (incident information) at debriefings and critiques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Completing, forwarding, and filing all required reports, records, and supporting documentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall Skill Sheet Score</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Candidate Stop Safety:</b> Yes <input type="checkbox"/>			<b>Equipment Stop Safety:</b> Yes <input type="checkbox"/>		

Evaluator/Candidate Comments \_\_\_\_\_

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