

# **Hazardous Materials Awareness**

**2 Skills Total**

**NFPA 1072**

**Standard for Hazardous Materials Awareness, Emergency**

**Response Personnel Professional Qualifications**

**2017 Edition**

## Hazardous Materials Awareness Responder Skill Sheets

NFPA 1072, Chapter 4	Task:	<b>JPR</b> <b>Initial Certification</b> <b>Requirement: 100% of All</b> <b>JPRs</b> <b>Renewal JPR Requirement:</b> <b>100% of All JPRs</b> <b>(Including all subsections)</b>
1	Recognizing and Identifying Hazardous Materials/WMD incidents.	4.2.1, 4.2.1 (B)
2	Initiate protective actions at the scene of a Hazardous Materials/WMD incident	4.3.1, 4.3.1 (B) 4.4.1, 4.4.1 (B)

**SKILL SHEET # 1**  
**Recognize and Identify Hazardous Materials/WMD Incident**

<b>JPR: 4.2.1, 4.2.1(B)</b> <b>NFPA 1072, 2017 Edition</b>	<b>Tasks:</b> Recognize and identify a Hazardous materials/WMD incident.
<b>Performance Outcome</b>	Given a Hazardous materials or WMD simulated incident, the candidate shall identify indicators of the problem and provide a scene size up and make the appropriate notifications.
<b>Equipment Required:</b> A Hazardous Materials scenario, approved reference resources, appropriate PPE, binoculars, ERG and SDS or shipping papers, pictures of placards, labels and NFPA 704 markings, container identification charts or other transportation markings.	
<b>Critical Skills are identified by a bold type “C”.</b> Any critical skill that is not completed is considered a failure of the entire Skill Sheet.	
<b>Safety:</b> A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

<b>STEPS FOR SKILL COMPLETION</b>	<i>Initial</i>		<i>Retest</i>	
	<b>Yes</b>	<b>No</b>	<b>Yes</b>	<b>No</b>
1. State the required equipment needed (Full PPE, ERG, binoculars).				
2. Ensure uphill/upwind in a safe location.				
3. Obtain information from bystanders or those involved, if available.				
4. Provide an on scene size up.				
5. Verbalize indicators of a HM/WMD incident.				
<b>C</b> 6. Utilize an ERG and SDS or shipping papers, identify the materials involved in the incident and any potential hazards.				
7. Notify appropriate state/local agencies per AHJ SOPs.				
<b>Total</b>			<b>Score needed to pass</b>	<b>6</b>

Candidate Name	Candidate Signature	Date
Proctor Name	Proctor Signature	
Retest Proctor Name	Retest Proctor Signature	

**SKILL SHEET # 2**  
**Protective Actions and Notifications**

<b>JPR: 4.3.1, 4.3.1 (B)</b> <b>4.4.1, 4.4.1 (B)</b> <b>NFPA 1072, 2017 Edition</b>	<b>Task:</b> Initiate protective actions at the scene of a Hazardous Materials/WMD incident.
<b>Performance Outcome</b>	Given a Hazardous Materials/WMD simulated incident you shall initiate protective actions, establish initial isolation distances and notify appropriate state and local agencies.
<b>Equipment Required:</b> Full PPE, binoculars, ERG and SDS or shipping papers, pictures of placards, labels, or NFPA 704 markings, container identification charts, or other transportation markings and attached worksheet.	
<b>Critical Skills are identified by a bold type “C”.</b> Any critical skill that is not completed is considered a failure of the entire Skill Sheet.	
<b>Safety:</b> A safety violation is grounds for automatic failure. All proctors present shall review the safety violation.	

<b>STEPS FOR SKILL COMPLETION</b>	<i>Initial</i>		<i>Retest</i>	
	Yes	No	Yes	No
1. State the required equipment needed (Full PPE, ERG, binoculars).				
2. Ensure uphill/upwind in a safe location.				
<b>C</b> 3. Utilize an ERG and SDS, or shipping papers, determine initial protective actions and isolation distances.				
<b>C</b> 4. Isolate the area and deny entry.				
5. Direct exposed people to a predetermined location for decon and medical care.				
6. Notify appropriate state/local agencies per AHJ SOPs.				
<b>C</b> 7. Give a status update via a mobile or handheld radio.				
<b>Total</b>	<b>Score needed to pass</b>			<b>6</b>

Candidate Name	Candidate Signature	Date
Proctor Name	Proctor Signature	
Retest Proctor Name	Retest Proctor Signature	

## Hazmat Awareness Worksheet for Skill Sheet #2

<b>JPR: 4.3.1, 4.3.1 (B)</b> <b>4.4.1, 4.4.1 (B)</b> <b>NFPA 1072, 2017 Edition</b>	<b>Task:</b> Initiate protective actions at the scene of a Hazardous Materials/WMD incident.
<b>Performance Outcome</b>	Given a Hazardous Materials/WMD simulated incident you shall initiate protective actions, establish initial isolation distances and notify appropriate state and local agencies.

**EQUIPMENT REQUIRED:** Department of Transportation Emergency Response Guidebook (ERG).

**CONDITIONS:** Proctor will identify the hazardous material for the candidate to complete the following task steps. Suggested chemicals are: anhydrous ammonia, chlorine, fluorine, hydrogen sulfide, sodium cyanide or hydrogen cyanide.

No.	Task Steps	
1	UN number:	
2	Small Spill/Release - Initial Isolation Distance:	
3	Large Spill Initial Isolation Distance:	
4	Protective Action Distance (Night):	
5	Guide Number:	
6	Identify the health hazards:	
7	Identify the fire hazards:	
8	Identify the protective clothing:	