



## ALABAMA FIRE COLLEGE



# Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 1 JPR(s) 5.4.2

Primary Task: Initiating the Incident Management System

### INSTRUCTIONS

The candidate shall adhere to all criteria. Given simulated facility and/or transportation hazardous materials incidents, the candidate shall initiate the incident management system specified in the local emergency response plan and the organization's standard operating procedures.

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
1. Initiates the incident management system at a hazardous materials incident
2. Appropriately locates the command post
3. Requests additional resources when needed
4. Designates a safety officer



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## Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 2 JPR(s) 5.2.2

Primary Task: Collecting Hazard and Response Information

### INSTRUCTIONS

The candidate shall adhere to all criteria. Given known hazardous materials, the candidate shall collect hazard and response information using a material safety data sheet (MSDS) for a material and the latest edition of the emergency response guidebook (ERG).

### REQUIRED MATERIALS

1. Material Safety Data Sheet
2. Emergency Response Guidebook

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
1. Identifies the appropriate hazard and response information using the MSDS
2. Given the 4-digit ID number or material name, uses the appropriate section of the ERG and properly identifies the correct guide number in the orange section
3. Given the hazard class placard or container shape, uses pages 16-19 in the ERG and properly identifies the guide number in the orange section
4. Given the 4-digit ID number or the name of a material with a toxic inhalation hazard, identifies the materials initial isolation and protective action distances in the green section of the ERG
5. Identifies procedures for contacting CHEMTREC inside the back cover of the ERG



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# Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 3 JPR(s) 5.4.3

Primary Task: Using PPE

### INSTRUCTIONS

The candidate shall adhere to all criteria. The candidate shall demonstrate the ability to don, work in, and doff the personal protective equipment provided by the authority having jurisdiction.

### REQUIRED MATERIALS

1. Self-contained breathing apparatus

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
1. Demonstrates donning, working in, and doffing positive pressure self contained breathing apparatus



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## Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 4 JPR(s) 5.4.1

Primary Task: Establishing and Enforcing Control Zones

### INSTRUCTIONS

The candidate shall adhere to all criteria. Given scenarios for facility and/or transportation hazardous materials incidents, the candidate shall establish and enforce scene control including control zones, emergency decontamination, and communications.

### REQUIRED MATERIALS

1. Pumping apparatus and hose for emergency decontamination
2. Safety cones for control zone marking

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
1. Establishes scene control through control zones
2. Determines the locations of established control zones at hazardous materials incidents
3. Demonstrates the ability to perform emergency decontamination
4. Participates in a safety briefing prior to allowing personnel to work at a hazardous materials incident that may or may not involve criminal or terrorist activities



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## Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 5 JPR(s) 5.4.4

Primary Task: Demonstrating Defensive Control Functions

### INSTRUCTIONS

The candidate shall adhere to all criteria. Given a plan of action for a hazardous materials incident within their capabilities, the candidate shall demonstrate defensive control actions set out in the plan.

### REQUIRED MATERIALS

1. Pumping apparatus, hose, and foam for vapor dispersion or vapor suppression
2. Shovels, absorbent and/or earth to perform absorption, damming, diking, dilution, diversion, or retention

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
<b>1. Demonstrates the effective application of firefighting foam(s) or vapor suppressing agent(s) on a spill or fire involving hazardous materials</b>
<b>2. Demonstrates how to perform defensive control activities</b>
a. absorption
b. damming, diking, dilution, diversion, or retention
g. vapor dispersion or vapor suppression



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# Hazardous Materials Operations Level Performance Evaluation Instruction Sheet

Skill No. 6 JPR(s) 5.5.2

Primary Task: Communicating the Planned Response

### INSTRUCTIONS

The candidate shall adhere to all criteria. The candidate shall communicate the planned response to the incident commander and other response personnel.

### REFERENCE SOURCE:

NFPA 472, *Standard for Professional Competence of Responders to Hazardous Materials Incidents*, 2002 edition

Skill
1. Communicates the status of the planned response to the incident commander through the normal chain of command
2. Notifies the incident commander and other response personnel about critical emergency conditions at the incident