

**CDC 47205W**

**Hazardous Materials -  
Incident Commander  
Performance Test**



**Air Force Institute for Advanced Distributed Learning  
Air University  
Air Education and Training Command**

# Acknowledgement

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## Performance Test Instructions

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This performance test supplement is based on the 2008 Edition of NFPA 472; *Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*. This performance test provides detailed performance checklist items for candidate testing. Performance tests should not be conducted until the candidate has successfully completed the academic portion of the CDC. However, it is strongly encouraged that this supplement and the checklist it contains be used during the normal course of study. Candidates may practice the performance tests at anytime during study and up until testing is conducted. Practice is highly encouraged.

This particular course uses three workstations. Within each workstation there are several tasks and objectives (NFPA line items). A “Performance Summary Sheet” precedes each workstation or group of evaluated tasks. This sheet lists the NFPA line items evaluated and the specific tasks that must be accomplished. Each performance test lists the setting and tools/equipment required for the listed tasks.

Remember, official performance test notifications must be made ten days prior to the actual performance test or the candidate’s performance test results will not be accepted by the DoD Administrative Center. For specific program guidance see DoD Manual 6055.6. Your performance test notifications must be made using the following web site. <http://www.dodffcert.com/performance/notify.cfm>

It is important also to understand the grading process used during the evaluation. For a full overview of the CDC process and performance testing please view the *Department of Defense Fire Fighter Certification Program Video* P/N #612288. Additional information on grading criteria is provided on the next page.

# Grading Criteria

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The following criteria will be used to evaluate and determine the pass/fail status of a candidate. Each item in the Performance Test Checklist is given a rating.

**Critical (C)** - This rating has been assigned to items, which, if omitted or performed incorrectly, would result in severe injury to, or death of, an individual. Should a firefighter fail to perform any one item rated as Critical (C), the firefighter would be unsuccessful in demonstrating the required proficiency level for that standard.

**Major (M)** - This rating refers to any item that is very important to the general safety of personnel and the successful completion of the evolution. Should a firefighter fail to perform any **three** items rated as Major (M), the firefighter would be unsuccessful in demonstrating the required proficiency level for that standard.

**General** - This rating although there is not symbol, has been given to all remaining items that in combination are relevant to the successful completion of the evolution. Should a firefighter fail to perform any **four** items rated as General, the firefighter would be unsuccessful in demonstrating the required proficiency level for that standard.

Should a firefighter fail to perform any combination of Major or General rated items resulting in a sum total of **four**, the firefighter would be unsuccessful in demonstrating the required proficiency level for that standard.

## **SKILLS TEST #1: Responsibilities of Agencies Listed in a Local Emergency Response Plan**

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Objectives: NFPA 472, Chapter 8, Paragraphs 8.3.4.3, 8.4.1(1), 8.4.1(2), 8.4.1(3), 8.4.1(6) and 8.4.1(7)	
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## **SKILLS TEST #2: Directing Resources**

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Objectives: NFPA 472, Chapter 8, Paragraphs 8.4.2, 8.5.1(3) and 8.6.1	

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# Incident Commander Competencies

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## SKILLS TEST #1: Responsibilities of Agencies Listed in a Local Emergency Response Plan

### Performance Test Summary Sheet

**Objectives:** NFPA Standard 472, Chapter 8, paragraphs 8.3.4.3, 8.4.1(1), 8.4.1(2), 8.4.1(3), 8.4.1(6) and 8.4.1(7)

**Task:** Given a current copy of a local emergency response plan and standard operating procedures, identify various agencies responsible for hazardous materials response functions.

a. Identify which agency will be perform the following: Receive the initial notification, provide secondary notification and activation of response agencies, make ongoing assessments of the situation, command on-scene personnel (incident management system), coordinate support and mutual aid, provide law enforcement and on-scene security (crowd control), provide traffic control and rerouting, provide resources for public safety protective actions (evacuation and protection in-place), provide fire suppression services when appropriate, provide on-scene medical assistance (ambulance) and medical treatment (hospital), provide public notification (warning), provide public information (news media statements), provide on-scene communications support, provide emergency on-scene decontamination when appropriate, provide operational level hazard control services, provide technician level hazard mitigation services, provide environmental remedial action ("cleanup") services, provide environmental monitoring, implement on-site accountability, provide command post security, provide crime scene investigation, and provide evidence collection and sampling.

b. Identify the role of the incident commander during an incident that involves hazardous materials.

c. Identify the duties and responsibilities of the following hazardous materials branch functions within the incident management system.

d. Identify the steps for implementing the local and related emergency response plans as required under SARA Title III (EPCRA) Section 303 of the federal regulations or other state and local emergency response planning legislation.

## **Incident Commander Competencies**

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e. Identify the primary local, state, regional and federal government agencies and identify the scope of their regulatory authority (including regulations) pertaining to the production, transportation, storage, and use of hazardous materials and the disposal of hazardous wastes.

f. Identify the government agencies and private sector resources offering assistance during a hazardous materials incident and identify their role and the type of assistance available.

# Incident Commander Competencies

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## Performance Test Item – Responsibilities of Agencies Listed in a Local Emergency Response Plan

### Personnel

**Classification:** Hazardous Materials Incident Commander

**Objective:** NFPA Standard 472, Chapter 8, Paragraphs 8.3.4.3, 8.4.1(1), 8.4.1(2), 8.4.1(3), 8.4.1(6) and 8.4.1(7)

**Task:** Given a current copy of the current local emergency response plan and standard operating procedures, identify various agencies responsible for hazardous materials response functions.

**Setting:** Fire Department Classroom or equivalent.

**Tools/Equipment:** Provided with a copy of the current local emergency response plan and standard operating procedures for the installation at which the candidate is employed.

### Attainment

**Standard:** Correctly perform tasks outlined above within 30 minutes.

### Evaluator's

**Guidance:** Only those responsibilities specifically addressed in the documents are required to be identified by the candidate.

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>1. Given the local emergency response plan/and or the organizations standard operating procedures, identify which agency will be perform the following:            Receive the initial notification, provide secondary notification and activation of response agencies, make ongoing assessments of the situation, command on-scene personnel (incident management system), coordinate support and mutual aid, provide law enforcement and on-scene security (crowd control), provide traffic control and rerouting, provide resources for public safety protective actions (evacuation and protection in-place), provide fire suppression services when appropriate, provide on-scene medical assistance (ambulance) and medical treatment (hospital), provide public notification (warning), provide public information (news media statements), provide on-scene communications support, provide emergency on-scene decontamination when appropriate, provide operational level hazard control services, provide technician level hazard mitigation services, provide environmental remedial action ("cleanup") services, provide environmental monitoring, implement on-site accountability, provide command post security, provide crime scene investigation, and provide evidence collection and sampling.</p>	<p>1. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate identified :</p>		
	a. Received the initial notification	___	___
	b. Provided secondary notification and activation of response agencies	___	___
	c. Made ongoing assessments of the situation	___	___
	d. Commanded on-scene personnel (incident management system)	___	___
	e. Coordinated support and mutual aid	___	___
	f. Provided law enforcement and on-scene security (crowd control)	___	___
	g. Provided traffic control and rerouting	___	___
	h. Provided resources for public safety protective actions (evacuation and protection in-place)	___	___
	i. Provided fire suppression services when appropriate	___	___
	j. Provided on-scene medical assistance (ambulance) and medical treatment (hospital)	___	___
k. Provided public notification (warning)	___	___	

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
	l. Provided public information (news media statements)	___	___
	m. Provided on-scene communications support	___	___
	n. Provide emergency on-scene decontamination when appropriate	___	___
	o. Provide operational-level hazard control services	___	___
	p. Provide technician-level hazard mitigation services	___	___
	q. Provide environmental remedial action ("cleanup") services	___	___
	r. Provide environmental monitoring	___	___
	s. Implement on-site accountability	___	___
	t. Provide command post security	___	___
	u. Provide crime scene investigation	___	___
	v. Provide evidence collection and sampling	___	___

## Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
2. Identify the role of the incident commander during an incident involving hazardous materials.	2. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> , the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system: <ul style="list-style-type: none"> <li>a. The role of the incident commander during a hazardous materials incident</li> </ul>	—	—
3. Identify the duties and responsibilities of the following hazardous materials branch functions within the incident management system.	3. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> , the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system, the duties and responsibilities of the: <ul style="list-style-type: none"> <li>a. Backup</li> <li>b. Decontamination</li> <li>c. Entry</li> <li>d. Hazardous materials branch management</li> <li>e. Hazardous materials branch safety</li> <li>f. Information/research</li> <li>g. Reconnaissance</li> <li>h. Resources</li> </ul>	—	—

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>4. Identify the steps for implementing the local and related emergency response plans as required under SARA Title III (EPCRA) Section 303 of the federal regulations or other state and local emergency response planning legislation.</p>	<p>4. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system:</p> <p>a. Steps for implementing the local emergency response plan</p>	<p>___</p>	<p>___</p>
<p>5. Identify the primary local, state, regional, and federal government agencies and identify the scope of their regulatory authority (including regulations) pertaining to the production, transportation, storage, and use of hazardous materials and the disposal of hazardous wastes.</p>	<p>5. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system the scope and authority of:</p> <p>a. Local government agencies</p> <p>b. State government agencies</p> <p>c. Federal government agencies</p> <p>d. Regional government agencies</p>	<p>___</p>	<p>___</p>
<p>6. Identify the government agencies and private sector resources offering assistance during a hazardous materials incident and identify their role and the type of assistance available.</p>	<p>6. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system:</p> <p>a. Names of private sector resources</p> <p>b. Roles of private sector resources</p> <p>c. Type of assistance from private sector resources</p>	<p>___</p>	<p>___</p>

# Incident Commander Competencies

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## SKILLS TEST #2: Directing Resources

### Performance Test Summary Sheet

**Objectives:** NFPA Standard 472, Chapter 8, Paragraphs 8.4.2, 8.5.1(3) and 8.6.1

**Tasks:** Given a hazardous material scenario, a local emergency response plan and local standard operating procedures direct resources, determine the effectiveness of the response, terminate the incident, provide a debriefing, and provide a multi-agency critique

a. Given a simulated hazardous materials incident and the necessary resources to implement the planned response, the incident commander shall demonstrate the ability to direct resources in a safe and efficient manner consistent with the capabilities of those resources and determine the effectiveness of personnel, personal protective equipment, control zones, and decontamination.

b. Demonstrate the transfer of command and control.

# Incident Commander Competencies

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## Performance Test Item - Directing Resources

### Personnel

**Classification:** Hazardous Materials Incident Commander

**Objective:** NFPA Standard 472, Chapter 8, Paragraphs 8.4.2, 8.5.1(3) and 8.6.1

**Task:** Given a hazardous material scenario, a local emergency response plan and local standard operating procedures, direct resources, determine the effectiveness of the response, terminate the incident, provide a debriefing, and provide a multi-agency critique.

**Setting:** Fire Department Training Classroom or equivalent.

**Tools/Equipment:** Provide a copy of the local emergency response plan, standard operating procedures and a simulated hazardous material incident scenario.

### Attainment

**Standard:** Correctly perform the tasks outlined above within 120 minutes.

### Evaluator's

**Guidance:** The candidate shall demonstrate the ability to direct resources, determine the effectiveness of the response, terminate the incident, provide a debriefing, and provide a multi-agency critique at a hazardous materials incident. This will require the establishment of a hazardous materials incident response scenario that may be an actual exercise, or a tabletop exercise. The candidate shall assume the role of incident commander, and assume the responsibility of this role as defined in the local emergency response plan and standard operating procedures utilized at the installation at which the candidate is employed.

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
1. Given a simulated hazardous materials incident and the necessary resources to implement the planned response, the incident commander shall demonstrate the ability to direct resources in a safe and efficient manner consistent with the capabilities of those resources and determine the effectiveness of personnel, personal protective equipment, control zones, and decontamination.	1. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> the local emergency response plan, and standard operating procedures, the candidate:		
	a. Assigned tasks (M)	___	___
	b. Directed operational safety (M)	___	___
	c. Directed operational support (M)	___	___
	d. Directed planning support (M)	___	___
	e. Directed logistical support (M)	___	___
	f. Directed administrative support (M)	___	___
	g. Determined effectiveness of:		
	1. Personnel being used (M)	___	___
	2. Personal protective equipment (M)	___	___
3. Established control zones (M)	___	___	
4. Decontamination process (M)	___	___	
2. Demonstrate the transfer of command and control.	2. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> , the local emergency response plan, and standard operating procedures, the candidate:		
	a. Transferred command and control of the incident (C)	___	___

# Incident Commander Competencies

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## SKILLS TEST #3: Debriefing, Critiquing, and Reporting a Hazardous Materials Incident

### Performance Test Summary Sheet

**Objectives:** NFPA Standard 472, Chapter 8, Paragraphs 8.6.2.1, 8.6.2.2, 8.6.2.3, 8.6.2.4, 8.6.2.5, 8.6.3.1, 8.6.3.2, 8.6.3.3, 8.6.3.4, 8.6.3.5, 8.6.4.1, 8.6.4.4, 8.6.4.5 and 8.6.4.6

**Tasks:** Given a hazardous material scenario, a local emergency response plan and local standard operating procedures, describe and provide a debriefing, describe and provide a critique, and report and document the incident.

a. Describe three components of an effective debriefing; describe the key topics in an effective debriefing; describe when a debriefing should take place; describe who should be involved in a debriefing; identify the procedures for conducting incident debriefings at a hazardous materials incident.

b. Describe three components of an effective critique; describe who should be involved in a critique; describe why an effective critique is necessary after a hazardous materials incident; describe what written documents should be prepared as a result of the critique; implement the procedure for conducting a critique of the incident.

c. Identify the reporting requirements of the federal, state, and local agencies.

d. Identify the requirements for compiling hazardous materials incident reports found in the local emergency response plan as well as the organization's standard operating procedures.

e. Identify the requirements for filing documents and maintaining records found in the local emergency response plan and the organization's standard operating procedures.

f. Identify the procedures required for legal documentation and chain of custody described in the organization's standard operating procedures or the local emergency response plan.

# Incident Commander Competencies

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## Performance Test Item - Debriefing, Critiquing, and Reporting a Hazardous Materials Incident

### Personnel

**Classification:** Hazardous Materials Incident Commander

**Objective:** NFPA Standard 472, Chapter 8, Paragraphs 8.6.2.1, 8.6.2.2, 8.6.2.3, 8.6.2.4, 8.6.2.5, 8.6.3.1, 8.6.3.2, 8.6.3.3, 8.6.3.4, 8.6.3.5, 8.6.4.1, 8.6.4.4, 8.6.4.5 and 8.6.4.6

**Task:** Given a hazardous material scenario, a local emergency response plan and local standard operating procedures direct resources, correctly determine the effectiveness of the response, terminate the incident, provide a debriefing, and provide a multi-agency critique.

**Setting:** Fire Department Training Classroom or equivalent.

**Tools/Equipment:** Provide a copy of the local emergency response plan, standard operating procedures and a simulated hazardous material incident scenario.

### Attainment

**Standard:** Correctly perform the tasks outlined above within 120 minutes.

### Evaluator's

**Guidance:** The candidate shall demonstrate the ability formulate and conduct an incident debriefing and critique. The candidate shall also demonstrate the ability to properly document the incident within the scope of the local emergency response plan and standard operating procedures. This will require the establishment of a hazardous materials incident response scenario that may be an actual exercise, or a tabletop exercise. The candidate shall assume the role of incident commander, and assume the responsibility of this role as defined in the local emergency response plan and standard operating procedures utilized at the installation at which the candidate is employed.

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>1. Describe three components of an effective debriefing; describe the key topics in an effective debriefing; describe when a debriefing should take place; describe who should be involved in a debriefing; identify the procedures for conducting incident debriefings at a hazardous materials incident.</p>	<p>1. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, candidate described within the scope of the local emergency response plan, standard operating procedures, or written incident management system:</p> <p>a. Components of an effective debriefing (M)</p> <p>b. Key topics in a debriefing (M)</p> <p>c. When a debriefing will be accomplished (M)</p> <p>d. Who should be involved (M)</p> <p>e. Procedures for conducting (M)</p>	<p>___</p> <p>___</p> <p>___</p> <p>___</p> <p>___</p>	<p>___</p> <p>___</p> <p>___</p> <p>___</p> <p>___</p>
<p>2. Describe three components of an effective critique; describe who should be involved in a critique; describe why an effective critique is necessary after a hazardous materials incident; describe what written documents should be prepared as a result of the critique; implement the procedure for conducting a critique of the incident.</p>	<p>2. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate described within the scope of the local emergency response plan, standard operating procedures, or written incident management system:</p> <p>a. Components of an effective critique (M)</p> <p>b. Who should be involved in a critique (M)</p> <p>c. Why a critique is necessary</p>	<p>___</p> <p>___</p> <p>___</p>	<p>___</p> <p>___</p> <p>___</p>

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
	d. What documents should be prepared (M)	___	___
	e. Procedure for conducting (M)	___	___
3. Identify the reporting requirements of the federal, state, and local agencies.	3. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> , the candidate identified and described within the scope of the local emergency response plan, standard operating procedures, or written incident management system: <ul style="list-style-type: none"> <li>a. Reporting requirements for:               <ul style="list-style-type: none"> <li>1. Federal agencies (M) <span style="float: right;">___</span></li> <li>2. State agencies (M) <span style="float: right;">___</span></li> <li>3. Local agencies (M) <span style="float: right;">___</span></li> <li>4. Organization (M) <span style="float: right;">___</span></li> </ul> </li> </ul>		
4. Identify the requirements for compiling hazardous materials incident reports found in the local emergency response plan as well as the organization's standard operating procedures.	4. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u> , candidate identified from the local emergency response plan, standard operating procedures, or written incident management system the requirements for: <ul style="list-style-type: none"> <li>a. Compiling HazMat incident reports (C) <span style="float: right;">___</span></li> </ul>		

# Incident Commander Competencies

ELEMENTS/STEPS	STANDARDS	YES	NO
<p>5. Identify the requirements for filing documents and maintaining records found in the local emergency response plan and the organization's standard operating procedures.</p>	<p>5. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, the candidate identified from the local emergency response plan, standard operating procedures, or written incident management system the requirements for:</p>		
	<p>a. Filing documents (M)</p>	<p>—</p>	<p>—</p>
	<p>b. Maintaining records (M)</p>	<p>—</p>	<p>—</p>
<p>6. Identify the procedures required for legal documentation and chain of custody described in the organization's standard operating procedures or the local emergency response plan.</p>	<p>6. In accordance with the <u>Hazardous Materials Response Handbook (5<sup>th</sup> Edition)</u>, candidate described from the local emergency response plan, standard operating procedures, or written incident management system the procedures for:</p>		
	<p>a. Filing documents (M)</p>	<p>—</p>	<p>—</p>
	<p>b. Chain of custody (M)</p>	<p>—</p>	<p>—</p>

# Performance Test Record

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## Hazardous Materials – Incident Commander

**INSTRUCTIONS:** This form must be completed and kept on file. A copy of this form is also required to be submitted with the candidate's certification package.

Performance Test Ref# \_\_\_\_\_ Date of Evaluation: \_\_\_\_\_

Candidate's Name: \_\_\_\_\_ SSN: \_\_\_\_\_

Evaluator's Name: \_\_\_\_\_ SSN: \_\_\_\_\_

The candidate has PASSED/FAILED the Hazardous Materials – Incident Commander Performance Test Evaluations as annotated below:

PERFORMANCE EVALUATIONS	PASSED	FAILED
Responsibilities of Agencies Listed in a Local Emergency Response Plan	_____	_____
Directing Resources	_____	_____
Debriefing, Critiquing, and Reporting a Hazardous Materials Incident	_____	_____

If candidate has failed the performance evaluation, provide the following information:  
(Use additional sheets if necessary)

Objective(s):

Reason(s) for failure:

Candidate's Signature: \_\_\_\_\_

Evaluator's Signature: \_\_\_\_\_

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