

CDC 10721W

Hazardous Materials Awareness

Performance Test Supplement



Extension Course Program (A4L)

Air University

Air Education and Training Command

Acknowledgement

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Performance Test Information

General Guidance

This performance test supplement is based on the 2017 Edition of NFPA 1072; *Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications* and provides the detailed performance test checklist items required for candidate testing. Performance tests shall not be conducted until the candidate has successfully completed the academic portion of the course by passing the End of Course final exam at an Air University approved test control facility (TCF). However, it is strongly encouraged that this supplement and the checklist it contains be used during the normal course of study. Candidates should practice the performance tests during study and up until testing is conducted. Practice is highly encouraged.

There are no prerequisites for obtaining DOD certification to Hazardous Materials Awareness.

Evaluators must be IFSAC or Pro Board certified at Operations level **or** at the Awareness level for at least one year.

This particular course uses several skills test. Within each skills test there are one or more tasks meeting the test objectives (NFPA line items). A “Task Summary” precedes each skills test checklist identifying all the evaluated task associated with the test. This sheet lists the NFPA line items evaluated, the setting and tools/equipment needed for the listed tasks, and any evaluator guidance necessary for the task(s). Evaluators should review the checklist paying specific attention to any “Evaluator Guidance”.

Scenarios developed should be as realistic and complete as possible. A minimum of two scenarios must be developed for each performance test requiring one. This allows for the candidate to retest in case of first time failure. Additionally, scenarios should be changed periodically to dissuade future candidates from gaining an unfair advantage or allowing for test compromise.

Remember, official performance test notifications **must** be made at least ten (10) days prior to the actual performance test or the candidate’s performance test results will not be accepted by the DoD Administrative Center. Your performance test notifications must be made using the following web site. <http://www.dodffcert.com/performance/notify.cfm>. For specific program guidance see DoD Manual 6055.06, *DoD Fire and Emergency Services Certification Program*.

Performance Test Information

Evaluator Orientation

You should read and understand the following orientation information before entering the specific skill station you will be evaluating. If there is any information within this orientation that you do not understand, you should contact the examination coordinator for clarification. We would like to thank you for donating your valuable time to assist with the evaluation of candidates in the practical examination. Your role as a skill station evaluator is critically important. You are to serve as an observer and recorder of the candidate's actions based on the criteria listed on the score sheet. There are a number of ways to successfully perform a skill. You should always remember that the way you were taught to perform a skill is not the only correct way to perform the skill. The ultimate criterion for successful completion of a skill is: "Did the final outcome meet the parameters set?"

This is a formal examination and not a teaching situation. Excessive dialogue between the evaluator and the candidate is discouraged. Peripheral or "nice to know" areas should not be discussed. Situations or questions that require you to demonstrate a procedure should be avoided. You should not ask leading questions. Do not condemn or condone a candidate's actions by expression, gesture, tone of voice, or attitude. Pay special attention to verbal and non-verbal language. Often, candidates interpret a word or action delivered in jest as being indicative of pass or fail, a value judgment, or a non-caring attitude.

You were asked to be an evaluator because your expertise adds credibility to the examination. Your knowledge on the subject allows you to ask the candidate(s) related questions to substantiate or define an action. If qualifying questions are necessary, they should be asked at the end of the station. At no time should you discuss any phase of the candidate's performance with the candidate.

Candidates are allowed to perform each skill once. If they appear overly nervous when first starting the exam, you may stop them and allow them to collect themselves before starting again. However, once a candidate initiates a course of action the candidate must be evaluated on the merits of that singular performance, as would happen in the field. You must provide qualifying information in the comments section of the score sheet for any performance that is identified as a mandatory failure item.

Visitors are not allowed in the testing area while testing is being conducted. The examination coordinator may be in the testing area if they are not obstructive to the testing.

You must document in the comments section the reason you marked a mandatory failure item. Additional comments are welcome, but remember to be specific. Instead of writing "He did a poor job", write exactly what the candidate did right or wrong. At no time should you discuss the performance with the candidate. You should never condemn or condone the candidate's actions by verbal or nonverbal means.

If the candidate reaches the time limit indicated on the score sheet before completing the procedure, you must stop the candidate and direct him/her to return to the staging area and wait for instructions to report to the next station. All tasks not completed should be scored a zero in the "points awarded" column.

Be very aware of the importance of consistency in giving instructions, setting up scenarios, and making and recording observations. Every effort should be made to ensure that all details of the examination scenario are identical for each candidate. Be aware of your own fatigue and if necessary take a break after notifying the examination coordinator.

You should have received individual written instructions concerning the specific skill and/or skill station you will be evaluating. If you do not understand any part of these instructions, do not start the evaluation process. Contact the examination coordinator for clarification.

It is also important to understand the grading process used during the evaluation. Additional information on grading the skills test is provided on the next page.

Performance Test Information

Grading Information

The following grading criteria will be used to evaluate and determine the pass/fail status of a candidate.

Each of the performance test checklists contains an attainment standard. In this particular course the attainment standards are set at approximately 80% using an “X out of X” format while also containing a time limit. For example, an attainment standard may read, “Successful completion of at least 15 out of 18 items within 90 minutes.”

If for some reason a particular element/step or standard cannot be completed and the candidate’s installation cannot simulate or create the item, then the evaluator may mark the item “Not Applicable” (N/A). The evaluator must then re-adjust the score by multiplying the remaining checklist items by .80 to determine the number correct required. For example, a performance test requires that 12 out of 15 items be successfully completed and 2 of the 15 items are marked N/A then the evaluator must multiply the remaining 13 items by .80 ($13 \times .80 = 10.4$ or 11). The new required minimum passing score is now 11 out of 13 items.

There are a total of three (3) skills test encompassing 3 separate tasks. Candidates must successfully complete **ALL** task within the skills test.

--AND--

Where the Standard/Element/Step on the Skills Test checklist is given a rating, the following criteria will be also be used to determine the pass/fail status of a candidate.

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.

Skill Test Summary Sheet

Skills Test #1 – Recognition and Identification

NFPA Standard 1072, Paragraphs 4.2.1

Task #1. Recognize and identify the hazardous materials/WMD and hazards involved in a hazardous materials/WMD incident. (4.2.1)

Skills Test #2 – Initiate Protective Actions

NFPA Standard 1072, Paragraphs 4.3.1

Task #2. Isolate the hazard area and deny entry at a hazardous materials/WMD incident. (4.3.1)

Skills Test #3 – Notification

NFPA Standard 1072, Paragraphs 4.4.1

Task #3. Initiate required notifications at a hazardous materials/WMD incident. (4.4.1)

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Skills Test #1 Recognition and Identification

Task #1 Specific Instructions and Information

Tasks:	Task #1. Recognize and identify the hazardous materials/WMD and hazards involved in a hazardous materials/WMD incident. (4.2.1)
Setting:	Classroom, training ground or suitable exercise area as determined by the specific task.
Tools/ Equipment:	Emergency Response Guidebook (ERG) safety data sheets (SDS), shipping papers with emergency response information, or other approved reference sources.
Attainment Standard:	Completed task with all steps correct in 5 minutes.
Evaluator's Guidance:	None.

Read To Candidate:

For this skill event, you will provided and incident involving hazardous materials and the appropriate reference material as identified above. You must recognize the indicators of a hazardous material and identify the involved hazardous material and the hazards the material presents.

To pass this station, you must successfully complete 100% of the steps identified in the checklist below. Do you have any questions?

In accordance with NFPA 1072, <i>Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications</i> , the candidate:	<i>1st Attempt</i>	<i>2nd Attempt</i>
1. Recognized the presence of hazardous materials		
2. Use approved reference sources to identify one or more of the following:		
a. Name of the hazardous material/WMD		
b. The UN/NA ID Number		
c. The applied placard.		
d. The container shape		
3. Used approved reference sources to identify:		
a. Hazardous material(s) by name		
b. Emergency response Information		
c. Potential Fire, explosion and health hazards		
4. Completed task with all steps correct in 5 minutes		

P-Pass F-Fail

Evaluator Comments:

Candidate's Name: _____ 1st Attempt results: P ____ F ____

Evaluator's Signature: _____ 2nd Attempt results: P ____ F ____

Competencies

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Skills Test #2 Initiate Protective Actions

Task #2 Specific Instructions and Information

Tasks:	Task #2. Isolate the hazard area and deny entry at a hazardous materials/WMD incident. (4.3.1)
Setting:	Training ground or suitable exercise area as determined by the specific task.
Tools/ Equipment:	Emergency Response Guidebook (ERG) or other approved reference sources, cones, caution tape, signs, etc. for use in identifying restricted access areas.
Attainment Standard:	Completed task with all steps correct in 20 minutes.
Evaluator's Guidance:	None.

Read To Candidate:

For this skill event, you will use the hazardous material information garnered in Task #1 to implement protective actions in accordance with approved reference sources provided. You will be required to mark areas to ensure unauthorized persons do not enter the hazardous immediate area and verbally provide the evaluator with protective actions required outside the immediate area, if any. All safety procedures must be adhered to at all times.

To pass this station, you must successfully complete 100% of the steps identified in the checklist below. Do you have any questions?

In accordance with NFPA 1072, <i>Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications</i> , the candidate:	<i>1st Attempt</i>	<i>2nd Attempt</i>
1. Identified the isolation area requirements for the hazardous material involved		
2. Secured the isolation area		
3. Evacuated the isolation area		
a. Followed AHJ precautions for protecting responders and the public		
b. Followed personal safety procedures		
c. Ensured hazards were avoided		
d. Ensured evacuees were not harmed or injured		
4. Ensured unauthorized personnel and public did not reenter the isolation area		
5. Completed task with all steps correct in 20 minutes		

P-Pass F-Fail

Evaluator Comments:

Candidate's Name: _____ 1st Attempt results: P ____ F ____

Evaluator's Signature: _____ 2nd Attempt results: P ____ F ____

Competencies

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Skills Test #3 Notification

Task #3 Specific Instructions and Information

Tasks:	Task #3. Initiate required notifications at a hazardous materials/WMD incident. (4.4.1)
Setting:	Training ground or suitable exercise area as determined by the specific task.
Tools/ Equipment:	Approved communication devices to include radios and phones (landline and mobile)
Attainment Standard:	Completed task with all steps correct in 20 minutes.
Evaluator's Guidance:	None.

Read To Candidate:

For this skill event, you will use the communication equipment provided such as radios and phones (landline or mobile) to notify emergency response personnel of the hazardous material emergency based on the scenario identified in Task #1. The evaluator will serve as the individual receiving the notification and provide appropriate verbal responses to the information you provide. All safety procedures must be adhered to at all times.

To pass this station, you must successfully complete 100% of the steps identified in the checklist below. Do you have any questions?

In accordance with NFPA 1072, <i>Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications</i> , the candidate:	<i>1st Attempt</i>	<i>2nd Attempt</i>
1. Operated approved communication equipment		
2. Communicated all necessary information about the incident		
3. Ensured the notification process has been properly initiated		
4. Completed task with all steps correct in 20 minutes		

P-Pass F-Fail

Evaluator Comments:

Candidate's Name: _____ 1st Attempt results: P _____ F _____

Evaluator's Signature: _____ 2nd Attempt results: P _____ F _____

Competencies

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Hazardous Materials Awareness Performance Test Record

NFPA 1072, 2017 Edition

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 performance tests criterion for the skills test marked below:

SKILLS TEST	PASSED	FAILED
1 – Recognition and Identification	_____	_____
2 – Initiate Protective Actions	_____	_____
3 – Notification	_____	_____

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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