



Hazardous Materials Operations NFPA 1072, Chapter 5, 2017 Edition

Standard Area: 5.2 Identify Potential Hazards

JPR #HazOp-1

5.2.1, 5.2.1 (b), 5.3.1, 5.3.1 (b)

NFPA 1072, 2017 Edition

Candidate: _____

Date: _____

Candidate #: _____

**STANDARD: 5.2.1
5.2.1 (b), 5.3.1, 5.3.1 (b)
NFPA 1072, 2017 Edition**

TASK: Identify the scope of the problem at a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, and approved reference sources, so that container types, materials, location of any release, and surrounding conditions are identified, hazard information is collected, the potential behavior of a material and its container is identified, and the potential hazards, harm, and outcomes associated with that behavior are identified.

TASK:

Identify the action options for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, approved reference sources, and the scope of the problem, so that response objectives, action options, safety precautions, suitability of approved personal protective equipment (PPE) available, and emergency decontamination needs are identified.

PERFORMANCE OUTCOME: Given a hazardous materials/WMD incident scenario, an assignment, policies and procedures, and approved reference sources, so that container types, materials, location of any release, and surrounding conditions are identified, hazard information is collected, the potential behavior of a material and its container is identified, and the potential hazards, harm, and outcomes associated with that behavior are identified.

AND

Identify the action options for the same hazardous materials/WMD incident, so that response objectives, action options, safety precautions, suitability of approved personal protective equipment (PPE) available.

The candidate will begin on an instruction to start. The skill will end when the candidate states they have completed all of the identified steps.

EQUIPMENT REQUIRED: Paper, pencil(s), ERG, written scenario with information on equipment and manpower.

PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing.

CONDITIONS:

No.	Task Steps	Task Value	First Test Score	Retest Score
1.	Verbally identifies container types, materials, location of release, and surrounding conditions.	1		
2.	Verbally states that hazard information can be obtained by communicating with pipeline operators or carrier representatives	1		
3.	Verbally Describes the likely behavior of the hazardous materials or WMD and its container	1		
4.	Verbally Describes the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions	1		
5.	Identifying response objectives and action options based on the scope of the problem and available resources	2		



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6.	Identifying whether approved PPE is suitable for the incident conditions	1		
TOTAL				

Total Points Possible = 7

Total Points Needed to Pass = 5

Total Points Scored = _____

Pass

Fail

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations NFPA 1072, Chapter 5, 2017 Edition

**Standard Area: 5.5 Emergency Decontamination
5.5.1, 5.5.1(b), 5.3.1(b), 5.4.1(b)**

JPR #HazOp-2

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 5.5.1, 5.3.1(b), 5.4.1(b) NFPA 1072, 2017 Edition	TASK: Perform emergency decontamination at a hazardous materials/WMD incident, given a hazardous materials/WMD incident that requires emergency decontamination; an assignment; scope of the problem; policies and procedures; and approved tools, equipment, and PPE for emergency decontamination, so that emergency decontamination needs are identified, approved PPE is selected and used, exposures and personnel are protected, safety procedures are followed, hazards are avoided or minimized, emergency decontamination is set up and implemented, and victims and responders are decontaminated.
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PERFORMANCE OUTCOME: Given a hazardous materials/WMD incident that requires emergency decontamination; an assignment; scope of the problem; policies and procedures; and approved tools, equipment, and PPE for emergency decontamination. The candidate shall identify the needs for emergency decontamination. Approved PPE is selected and used, exposures and personnel are protected, safety procedures are followed, hazards are avoided or minimized, emergency decontamination is set up and implemented, and victims and responders are decontaminated.

Candidate will begin on proctor instruction to start. The skill will end when candidate states to the proctor that they have completed all of the identified steps.

EQUIPMENT REQUIRED: Structural firefighters clothing and SCBA. 100 feet- 1½ hose line with nozzle and water supply. Rescue Randy or simulated victim and stretcher. An envelope and “white powder” baby powder or similar.

PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing. Refer to the attached proctor note.

CONDITIONS:

No.	Task Steps	Task Value	First Test Score	Retest Score
1.	If the candidate:			
	a. Verbally states emergency decontamination needs based on the scope of the problem and Selects an emergency decontamination method.	1		
	b. Verbally states how scene control would be establishing and maintained.	1		
	c. Verbally states that emergency decontamination must be set up in a safe area to Prevent the spread of contamination.	1		
	d. Recognizes evidence and explains how it could be preserved	1		
2.	Implements emergency decontamination:			
	a. Remove the victim from the contaminated area while avoiding hazards	1		



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	b. Wash immediately any exposed body parts with flooding quantities of water	1		
	c. Remove victim's clothing and/or PPE rapidly (if possible, cutting from the top down in a manner that minimizes the spread of contaminants)	1		
	d. Perform a quick cycle of head-to-toe rinse, wash, and rinse	1		
	e. Verbally states to transfer the victim to treatment personnel for assessment, first aid, and medical treatment	1		
	f. Verbally states that ambulance and hospital personnel are told about the contaminant involved	1		
TOTAL		10		

Total Points Possible = 10
Total Points Needed to Pass = 7
Total Points Scored = _____
Pass Fail

Proctor notes

Explain to the student that this JPR is copied from the white powder call as depicted in the video Terror on Alert. The victim opened the envelope and white powder came out and now the victim has fallen ill and is in need of immediate medical attention.



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Standard Area: 5.5 Emergency Decontamination
5.5.1, 5.5.1(b), 5.3.1(b), 5.4.1(b)

JPR #HazOp-2

Proctor/Candidate Comments: _____

Proctor Signature _____

Date _____

Candidate Signature _____

Date _____

Re-Test Proctor _____

Date _____

Re-Test Candidate _____

Date _____



Hazardous Materials Operations

NFPA 1072, 2017 Edition

Standard Area: 5.4 Action Plan Implementation
5.4.1, 5.4.1(b)

JPR #HazOp-3

Candidate: _____

Date: _____

Candidate #: _____

STANDARD:5.4.1, 5.4.1(b) NFPA 1072, 2017 Edition	TASK: Perform assigned tasks at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; an assignment with limited potential of contact with hazardous materials/WMD, policies and procedures, the scope of the problem, approved tools, equipment, and PPE, so that protective actions and scene control are established and maintained, on-scene incident command is described, evidence is preserved, approved PPE is selected and used in the proper manner; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; assignments are completed; and gross decontamination of personnel, tools, equipment, and PPE is conducted in the field.
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PERFORMANCE OUTCOME: The candidate will demonstrate Inspecting, donning, working in, going through decontamination while wearing, and doffing approved PPE.

EQUIPMENT REQUIRED: Structural firefighters clothing, hand tools, self-contained breathing apparatus, and a technical decontamination corridor.

CONDITIONS:

No.	Task Steps	Task Value	First Test Score	Retest Score
	Donning			
1.	Don pants and boots properly-including suspenders in place	1.0		
2.	Don protective hood	1.0		
3.	Don coat-including storm flap closed and collar up and secured	1.0		
4.	Don SCBA			
	a. Open cylinder valve fully	1.0		
	b. Secures straps on SCBA	1.0		
	c. Don face piece	1.0		
	d. Check face seal	1.0		
	e. Hook up air supply	1.0		
5.	Don helmet	1.0		
6.	Don gloves	1.0		
7.	Work in contaminated area	1.0		
8.	Control breathing	1.0		



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	Go through decontamination			
	Drops tools, evidence or firearms at the tool drop/kill bucket	1.0		
	Uses boot scrape for feet	1.0		
	Enters gross decon shower and receives a gross rinse with special attention to the hands and feet	2.0		
	Enters secondary decon stations (2) and receives formal decontamination with special attention to the hands and feet.	2.0		
	Receives respiratory protection removal	1.0		
	Advances through the line for PPE removal	1.0		
	Verbally states that the final step would be to Advance to the cold zone for medical evaluation, rehab and shower.	1.0		
TOTAL		21		

Total Points Possible = 21

Total Points Needed to Pass = 17

Total Points Scored = _____

Pass

Fail _____



Hazardous Materials Operations NFPA 1072, 2017 Edition

Standard Area: 5.4 Action Plan Implementation
5.4.1, 5.4.1(b)

JPR #HazOp-3

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations Core Level NFPA 1072, 2017 Edition

Standard Area: 5.4 Action Plan Implementation.

JPR #HazOp-4

5.4.1, 5.4.1(b)

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 5.4.1, 5.4.1(b) NFPA 1072, 2017 Edition	TASK: Perform assigned tasks at a hazardous materials/WMD incident, given a hazardous materials/WMD incident; an assignment with limited potential of contact with hazardous materials/WMD, policies and procedures, the scope of the problem, approved tools, equipment, and PPE, so that protective actions and scene control are established and maintained, on-scene incident command is described, evidence is preserved, approved PPE is selected and used in the proper manner; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; assignments are completed; and gross decontamination of personnel, tools, equipment, and PPE is conducted in the field.			
PERFORMANCE OUTCOME: Conducting gross decontamination of contaminated personnel, tools, equipment, and PPE in the field. Cleaning, disinfecting, and inspecting approved tools, equipment, and PPE in quarters.				
EQUIPMENT REQUIRED: Candidate to be in full bunker gear. (SCBA not required) Brush, bucket, soap, water, garden hose, wipes, large garbage bag and medical gloves.				
PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing. Gross decontamination starts On-Scene and continues in quarters.				
CONDITIONS:				
No.	Task Steps	Task Value	First Test Score	Retest Score
	On-Scene			
1.	Verbally states that Departmental SOP/Gs must be developed for on-scene and in quarters gross decontamination.	1		
2.	Isolates contaminated tools and equipment	1		
3.	Conducts decontamination of tools and equipment	1		
4.	Wash, remove and isolate PPE (Proctor or previously tested student to hold garden hose and use as directed by candidate)	2		
5.	Uses wipes on face, head, neck and hands	1		



Hazardous Materials Operations Core Level NFPA 1072, 2017 Edition

	In quarters			
	Verbally states that a thorough shower is recommended as soon as possible	1		
	Verbally states that PPE must be cleaned, inspected and maintained according to manufacturer's recommendations	1		
	Verbally states that PPE must be stored outside of living and sleeping quarters.	1		
	Verbally states required reports and documentation must be completed	1		
TOTAL		10		

Total Points Possible = 10

Total Points Needed to Pass= 7

Total Points Scored = _____

Pass Fail

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations NFPA 1072, 2017 Edition

Standard Area: 5.6 Progress Evaluation and Reporting.
5.6.1, 5.6.1(b)

JPR #HazOp-5

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 5.6.1, 5.6.1(b) NFPA 1072, 2017 Edition	TASK: Evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident, given a hazardous materials/WMD incident, an assignment, policies and procedures, status of assigned tasks, and approved communication tools and equipment, so that the effectiveness of the assigned tasks is evaluated and communicated to the supervisor, who can adjust the IAP as needed.			
PERFORMANCE OUTCOME: Given a hazardous materials/WMD incident, an assignment, status of assigned tasks, and approved communication tools, the candidate shall evaluate the effectiveness of the assigned tasks and communicate a progress report to the supervisor.				
EQUIPMENT REQUIRED: Written scenario, Incident Action Plan and portable radio.				
PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing. Allow the candidate five (5) minutes to review the scenario and IAP before asking for the task steps				
CONDITIONS:				
No.	Task Steps	Task Value	First Test Score	Retest Score
1.	Verbally Determins incident status (Beginning to stabilize, now under control or strategies and tactics not working)	2		
	Verbally Determinis whether the response objectives are being accomplished	2		
2.	Uses approved communications tools and equipment, Communicates the status of assigned tasks	2		
TOTAL		8		

Total Points Possible = 8
Total Points Needed to Pass = 6
Total Points Scored = _____
<input type="checkbox"/> Pass <input type="checkbox"/> Fail



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Standard Area: 5.6 Progress Evaluation and Reporting
5.6.1, 5.6.1(b)

JPR #HazOp-5

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations Mission Specific PC NFPA 1072, 2017 Edition

Standard Area: 6.6.1 Product Control 6.6.1 (b)

JPR #HazOpPC-6

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 6.6.1 Product Control 6.6.1 (b) NFPA 472, 2017 Edition	TASK: Perform product control techniques with a limited risk of personal exposure at a hazardous materials/WMD incident, given a hazardous materials/WMD incident with release of product; an assignment in an IAP; scope of the problem; policies and procedures; approved tools, equipment, control agents, and PPE; and access to a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, so that under the guidance of a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures, approved PPE is selected and used; exposures and personnel are protected; safety procedures are followed; hazards are avoided or minimized; a product control technique is selected and implemented; the product is controlled; victims, personnel, tools, and equipment are decontaminated; and product control operations are reported and documented.
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PERFORMANCE OUTCOME: The candidate will successfully select and demonstrate product control techniques using approved control agents and equipment to confine/contain the release with limited risk of personal exposure.

EQUIPMENT REQUIRED: Personal protective equipment, self-contained breathing apparatus, ERG, simulated or real emergency shut off, squeegee, shovels, rakes, absorbent materials, dirt, sand or hay, plastic sheeting, tarps, a leaking container, garden hose or fire hose, and apparatus. Suggestion: Simulate a small leak on a gentle slope towards a simulated or actual drain.

CONDITIONS: Whenever possible, integrate the evaluation of this line item within a consolidated hazardous materials scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials scenario activities.

PROCTOR NOTE: Give the candidate the Emergency Response Guide (ERG) and the attached UN number so they can select the proper PPE.

No.	Task Steps	Task Value	First Test Score	Retest Score
1.	Uses the ERG to select proper PPE	1		
2.	Absorption			
	a. Use common, available materials	1		
	b. Avoid contact with hazardous material	1		
	c. Ensure drains do not become contaminated	1		
	d. Ensure hazardous material is absorbed into absorbent material	1		

3.	Damming			
	a. Use common, available materials	1		
	b. Avoid contact with hazardous material	1		
	c. Ensure dam is not breached	1		
4.	Diversion			
	a. Use common, available materials	1		
	b. Avoid contact with hazardous material	1		
	c. Ensure hazardous material is diverted away from drains and waterways	1		
	d. Make sure the hazardous material does NOT breach diversion	1		
5.	Remote Valve Shut Off			
	a. Identify and locate the emergency shut off device	1		
	b. Operate the emergency remote shut off device properly	1		
TOTAL		14		

Total Points Possible = 14

Total Points Needed to Pass = 10

Total Points Scored = _____

Pass

Fail

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date

Proctor Notes:

- Inform student this is a small spill.
- UN Guide Number is 128.
- Bunker Gear and SCBA is suitable.



Hazardous Materials Operations Mission Specific PPE NFPA 1072, 2017 Edition

Standard Area: 6.2.1 , 6.2.1B

JPR #HazOpPPE-7

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 6.2.1, 6.2.1B NFPA 1072, 2017 Edition	TASK: The candidate given a selection of PPE shall select the appropriate level of protection from the given options. Candidate will be provided with a selection of chemical protective clothing, respiratory protection and other equipment. Please select the highest level of skin, respiratory, and eye protection. Candidate will begin on proctor's instruction to start. The skill will end when the candidate states they have completed all of the identified steps.
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PERFORMANCE OUTCOME:

EQUIPMENT REQUIRED: Level A and B – CPC; Flash Over Cover; SCBA; APR Cartridge(s); Rapid Adapter; Hard Hat; Chemical Boots and Gloves; Two-Way Radio; Chem Tape; Duct Tape; Nomex Coveralls; Cooling Vest; Phase Packs.

PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing.

CONDITIONS:

No.	Task Steps	Task Value	First Test Score	Retest Score
1.	Select Level A suit with flash over cover & Kevlar gloves	2.0		
2.	Selects Nomex coveralls and cooling vest with phase packs	2.0		
3.	Selects SCBA with face piece	1.0		
4.	Selects chemical protective boots and inner gloves	2.0		
5.	Selects brimless helmet	1.0		
6.	Selects two-way radio with chest pack	1.0		
7.	Selects Chem tape	1.0		
TOTAL		10.0		

Total Points Possible = 10

Total Points Needed to Pass = 7

Total Points Scored = _____

Pass Fail

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations Mission Specific PPE NFPA 1072, 2017 Edition

Standard Area: 6.2.1, 6.2.1(B)
NFPA 1072, 2017 Edition

JPR #HazOpPPE-8

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 6.2.1, 6.2.1(B) NFPA 1072, 2017 Edition	TASK: The candidate shall verbally identify the components of a technical decontamination corridor as per local procedures. The candidate has attended a hazardous materials incident and responders have been contaminated. It is imperative that a thorough decontamination process be put in place. Please list the components required to conduct formal decontamination via a technical decontamination corridor. Candidate will begin on proctor's instruction to start. The skill will end when the candidate states they have completed all of the identified steps.
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PERFORMANCE OUTCOME:

EQUIPMENT REQUIRED: Pen and paper

PROCTOR NOTE: The candidate will not be allowed to review the performance steps at the time of testing.

CONDITIONS:

No.	Task Steps	Task Value	First Test Score	Retest Score
1.	Verbally identifies that the decon corridor is clearly marked with traffic cones and barrier tape	2.0		
2.	Verbally identifies entry and exit points	2.0		
3.	Verbally identifies that runoff should be contained via tarps and berms	1.0		
4.	Verbally identifies that a boot scrape is in place	1.0		
5.	Verbally identifies that a gross decon shower is set-up and a water supply is established	2.0		
6.	Verbally identifies that containment basins or pools are set-up	1.0		
7.	Verbally identifies that containers are in place for PPE, equipment and waste	1.0		
8.	Verbally identifies that decon solutions are mixed	1.0		
9.	Verbally identifies that brushes, hand sprayers, hoses and equipment is in place	1.0		
10.	Verbally identifies that a tool drop has been set-up	1.0		
11.	Verbally identifies that spare SCBA cylinders, relief personnel and benches are in place	2.0		
TOTAL		15.0		



Hazardous Materials Operations Mission Specific PPE NFPA 1072, 2017 Edition

Standard Area: 6.2.1, 6.2.1(B)

JPR #HazOpPPE-8

Total Points Possible = 15
Total Points Needed to Pass = 11
Total Points Scored = _____
 Pass Fail

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date



Hazardous Materials Operations Missions Specific PPE NFPA 1072, 2017 Edition

Standard Area: 6.2.1

JPR #HazOpPPE-9

6.2.1.B

Candidate: _____

Date: _____

Candidate #: _____

STANDARD: 6.2.1 NFPA 1072, 2017 Edition	TASK: Demonstrate the ability to don, work in, and doff personal protective equipment.
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PERFORMANCE OUTCOME: The candidate will demonstrate each ability identified within this skill set.

EQUIPMENT REQUIRED: Structural firefighters clothing and self-contained breathing apparatus.

CONDITIONS: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials scenario activities.

No.	Task Steps	Task Value	First Test Score	Retest Score
	Donning			
1.	Don pants and boots properly-including suspenders in place	1.0		
2.	Don protective hood	1.0		
3.	Don coat-including storm flap closed and collar up and secured	1.0		
4.	Don SCBA			
	a. Open cylinder valve fully	1.0		
	b. Secures straps on SCBA	1.0		
	c. Don face piece	1.0		
	d. Check face seal	1.0		
	e. Hook up air supply	1.0		
5.	Don helmet	1.0		
6.	Don gloves	1.0		
7.	Work in contaminated area	1.0		
8.	Control breathing	1.0		
9.	Exit hazard area	1.0		
	Doffing			
10.	Removes SCBA and places all equipment in a ready state for reuse	1.0		
11.	Verbally states that you must report and document what PPE was used at the incident	1.0		
TOTAL		15.0		

Total Points Possible = 15

Total Points Needed to Pass = 11

Total Points Scored = _____

Pass

Fail



Hazardous Materials Operations Missions Specific PPE NFPA 1072, 2017 Edition

**Standard Area: 6.2.1
6.2.1B**

JPR #HazOpPPE-9

Proctor/Candidate Comments: _____

Proctor Signature

Date

Candidate Signature

Date

Re-Test Proctor

Date

Re-Test Candidate

Date