

Re-Test Evaluator

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

JPR - HMT #1

Revised: Feb 27, 2019

Date

7.2.1, 7.3.2 Perform sampling techniques to identify hazards associated with solid, liquid and gaseous substances

	date:	Da	Date:						
Studer	nt#:								
STAND 2017 E	DARD: 7.2.1,7.3.2 NFPA 1072, Edition	TASK: Perform sampling techniques to identify hand gaseous substances.	nazards asso	ociated w	ith solid, l	iquid			
liquid a		e will perform sampling techniques to identify hazar ate must pass a minimum of 6 out of 8 steps and pa							
•	MENT REQUIRED: NAERG PPE Sampling Instruments Reports Radio ITIONS: Given a hazardous materials	s incident the candidate shall demonstrate the ability	to:						
	large of the final and the fin			TEST	RET	EST			
No.		TASK STEPS	Pass	Fail	Pass	Fai			
1.	Ensure proper detection, monitori MUST PASS	ng, or sampling method and equipment is chosen.							
2.		aring appropriate PPE. MUST PASS							
	Collect a sample of the material.								
3.	Test the substance using the instr								
4.	Read, interpret, and repost the results of the test.								
4. 5.	Read, interpret, and repost the res			Dispose pf sample in accordance with appropriate regulations.					
4. 5. 6.	Read, interpret, and repost the res Dispose pf sample in accordance	with appropriate regulations.			Decontaminate equipment and return to operational state per manufacturer's instructions.				
4. 5.	Read, interpret, and repost the res Dispose pf sample in accordance Decontaminate equipment and re	with appropriate regulations.							
4. 5. 6.	Read, interpret, and repost the res Dispose pf sample in accordance Decontaminate equipment and re	with appropriate regulations. turn to operational state per manufacturer's							
4. 5. 6. 7. 8. rst Testal poi	Read, interpret, and repost the rest Dispose pf sample in accordance Decontaminate equipment and resinstructions. Complete required reports and surest: ints needed to pass: 6 Total points.	with appropriate regulations. turn to operational state per manufacturer's	d: Yes	No_					
4. 5. 6. 7. 8. est Test tal poi	Read, interpret, and repost the rest Dispose pf sample in accordance Decontaminate equipment and reinstructions. Complete required reports and substants needed to pass: 6 Total points. Test:	with appropriate regulations. turn to operational state per manufacturer's pporting documentation.							

Date

Re-Test Candidate



Proctor/Candidate Comments:					

7.2.1,7.3.2 Collect samples of a hazardous material solid, liquid, or gas

JPR - HMT #2 Revised: March 5, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.2.1, 7.3.2 NFPA 1072, 2017 Edition	TASK: Collect samples of a hazardous material solid, liquid, or gas.

PERFORMANCE OUTCOME: The candidate will collect samples of a hazardous material solid, liquid, or gas for either public safety sampling or evidence preservation. **Proctors' choice of type of sample taken**. The candidate must pass a **minimum of 4 out of 5 steps** including any **Must Pass** items to successfully complete Public Safety Sampling or pass a **minimum of 4 out of 5 steps** including any **Must Pass** items to successfully complete Evidence Preservation.

EQUIPMENT REQUIRED:

- NAERG
- PPE
- Sampling Instruments
- Sampling kits
- Certified clean/sterile containers
- Reports
- Radio

CONDITIONS: Given a hazardous material incident, the candidate shall demonstrate the ability to:

N 7 -	Th. 200 Commun.	FIRST TEST		RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail
	Public Safety Sampling				
1.	Develop appropriate sampling collection plan for hazard identification.				
2.	Ensure that all responders are wearing appropriate PPE. MUST PASS				
3.	Ensure any materials and equipment used for collection are certified "clean" or "sterile" and kept sealed until used.				
4.	Collect the solid, liquid, and/or gas samples in the appropriate containers a per AHJ SOPs. MUST PASS				
5.	Follow all chain-of-custody procedures established by the AHJ.				
	Evidence Preservation				
1.	Develop appropriate evidence collection plan according to AHJ SOPs.				
2.	Ensure that all responders are wearing appropriate PPE. MUST PASS				
3.	Ensure any materials and equipment used for collection are certified "clean" or "sterile" and kept sealed until used.				
4.	Collect the solid, liquid, and/or gas samples in the appropriate containers as per AHJ SOPs. MUST PASS				
5.	Follow all chain-of-custody procedures established by the AHJ.				



Public Safety Sampling			
First Test:			
Total points needed to pass: 4	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
Total points needed to pass: 4	Total points scored:	All MUST PASS items passed: Yes	No
Evidence Preservation			
First Test:			
	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
	Total points scored:	All MUST PASS items passed: Yes	No
Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Co	omments:		
Evaluator/Candidate Co	omments:		

Candid							
Candidate:			Date	:			
Studen	t#:						
STANDA 2017 E	ARD: 7.2.1 NFPA 1072, dition	TASK: Perform mareagents.	aintenance and testing on monito	oring equi	pment, te	st strips, a	nd
	RMANCE OUTCOME: The candi s. The candidate must score 100			g equipme	nt, test st	rips, and	
•	MENT REQUIRED: Monitoring equipment Test strips Reagents Maintenance materials TIONS: Given a monitoring equipment	omant tast strips and/or	reagants the condidate shall dom	oonstrata t	ho shility	to	
CONDI	HONS. Given a momornig equip	oment, test surps, and/or	reagents the candidate shan dem	1	TEST	RETEST	
No.		TASK STEPS		Pass	Fail	Pass	Fai
1.	Identify the device or item that	requires testing or main	tenance.				
2.	Perform testing and/or mainter and AHJ SOPs.						
3.	Properly document any mainte	nance or testing perform	ed.				
cond T	nts needed to pass: 3 Total p		-				
Evalua	tor (Print & Sign)	Date	Candidate			Date	
Re-Test Evaluator Date			Re-Test Candidate	Date			
	ator/Candidate Commen	ts:					

7.2.1,7.3.2 Demonstrate proper use of pH meters to identify hazards

JPR - HMT #4 Revised: March 5, 2019

Candidate:Student#:	Date:
STANDARD: 7.2.1, 7.3.2 NFPA 1072, 2017 Edition	TASK: Demonstrate proper use of pH meters to identify hazards.
PERFORMANCE OUTCOME: The candidate	will demonstrate proper use of pH meters to identify hazards. The candidate

must pass a minimum of 10 out of 14 steps, including any MUST PASS items to successfully complete this skill.

EQUIPMENT REQUIRED:

- NAERG
- pH meters
- calibration equipment
- manufacturer's instructions
- Cleaning equipment
- PPF
- Reports/documentation
- Radios
- Decontamination equipment

CONDITIONS: Given a hazardous material incident and pH meters, the candidate shall demonstrate the ability to:

Ma	Tray Sappa	FIRST	FIRST TEST		TEST
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS				
2.	Ensure all responders are wearing appropriate PPE. MUST PASS				
3.	Perform initial inspection to ensure device is serviceable.				
4.	Turn on the pH meter.				
5.	Remove the protective cap from the electrode.				
6.	Calibrate the pH meter in a test solution with a known pH per manufacturer's instructions.				
7.	Once calibrated, rinse and return the electrode to its operational state per manufacturer's instructions.				
8.	Place the electrode in the liquid to be tested and make note of the reading. MUST PASS				
9.	Report readings according to AHJ's procedures.				
10.	Remove electrode from the liquid, rinse, and return to operational state per manufacturer's instructions.				
11.	Replace the protective cap on the electrode.				
12.	Turn off the pH meter.				
13.	Decontaminate equipment and return to operational state per manufacturer's instructions.				
14.	Complete required reports and supporting documentation.				

First Test:			
	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Cor	nments:		

7.2.1, 7.3.2 Demonstrate proper use of a multi-gas meter to identify hazards

JPR - HMT #5

# :	Candidate:				
Student#:					
RD: 7.2.1, 7.3.2 NFPA 1072, ition	TASK: Demonstrate proper use of a multi-gas meter combustible gases, multi-gas, and others) to identify			e, oxygen,	
ible gases, multi-gas, and others)	to identify hazards. The candidate must pass a minim				
NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation					
IONS: Given a hazardous material	incident, the candidate shall demonstrate the ability to	0:		1	
	TASK STEPS	-		RET	
		Pass	Fail	Pass	Fa
Ensure proper detection, monitor MUST PASS	ing, or sampling method and equipment is chosen.				
MUST PASS	ing, or sampling method and equipment is chosen. aring appropriate PPE. MUST PASS				
MUST PASS	aring appropriate PPE. MUST PASS				
MUST PASS Ensure that all responders are we	aring appropriate PPE. MUST PASS re device is serviceable.				
MUST PASS Ensure that all responders are we Perform initial inspection to ensu	aring appropriate PPE. MUST PASS re device is serviceable. the gases it will detect.				
MUST PASS Ensure that all responders are we Perform initial inspection to ensure Select the monitor and identify the	aring appropriate PPE. MUST PASS re device is serviceable. the gases it will detect. the meter is functioning properly.				
MUST PASS Ensure that all responders are we Perform initial inspection to ensure the Monitor and identify the Perform a bump test to ensure the	aring appropriate PPE. MUST PASS re device is serviceable. ne gases it will detect. ne meter is functioning properly. of the monitor prior to entry.				
MUST PASS Ensure that all responders are we Perform initial inspection to ensu Select the monitor and identify the Perform a bump test to ensure the Perform a "fresh air" calibration of	aring appropriate PPE. MUST PASS re device is serviceable. the gases it will detect. the meter is functioning properly. of the monitor prior to entry. U's requirements. MUST PASS				
MUST PASS Ensure that all responders are we Perform initial inspection to ensure Select the monitor and identify the Perform a bump test to ensure the Perform a "fresh air" calibration of Properly monitor the area per AH	aring appropriate PPE. MUST PASS re device is serviceable. the gases it will detect. the meter is functioning properly. to f the monitor prior to entry. IJ's requirements. MUST PASS as requirements.				
MUST PASS Ensure that all responders are we Perform initial inspection to ensure the Select the monitor and identify the Perform a bump test to ensure the Perform a "fresh air" calibration of Properly monitor the area per AH Report results according to AHJ's When monitoring is complete, turns and the sense of the s	aring appropriate PPE. MUST PASS re device is serviceable. the gases it will detect. the meter is functioning properly. to f the monitor prior to entry. IJ's requirements. MUST PASS as requirements.				
	ible gases, multi-gas, and others) g any MUST PASS items to succeed ENT REQUIRED: NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation	ible gases, multi-gas, and others) to identify hazards. The candidate must pass a minim g any MUST PASS items to successfully complete this skill. ENT REQUIRED: NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation IONS: Given a hazardous material incident, the candidate shall demonstrate the ability to	ible gases, multi-gas, and others) to identify hazards. The candidate must pass a minimum of 8 or g any MUST PASS items to successfully complete this skill. ENT REQUIRED: NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation IONS: Given a hazardous material incident, the candidate shall demonstrate the ability to:	ible gases, multi-gas, and others) to identify hazards. The candidate must pass a minimum of 8 out of 11 s g any MUST PASS items to successfully complete this skill. ENT REQUIRED: NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation IONS: Given a hazardous material incident, the candidate shall demonstrate the ability to: FIRST TEST	ENT REQUIRED: NAERG Radios Mulit-gas meter Manufacturer's instructions PPE Decontamination equipment Reports/documentation IONS: Given a hazardous material incident, the candidate shall demonstrate the ability to: FIRST TEST RET

Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
valuator/Candidate Comm	nents:		

7.2.1, 7.3.2 Demonstrate proper use of colorimetric tubes to identify hazards JPR - HMT #6

Revised: March 5, 2019

Candidate: Student#:	Date:
STANDARD: 7.2.1, 7.3.2 NFPA 1072,	TASK: Demonstrate proper use of colorimetric tubes to identify hazards.
2017 Edition	
	will demonstrate proper use of colorimetric tubes to identify hazards. The steps, including any MUST PASS items to successfully complete this skill.

EQUIPMENT REQUIRED:

- NAERG
- Radios
- Colorimetric tubes
- Manufacturer's instructions
- Decontamination equipment
- PPE

CONDITIONS: Given a hazardous material incident, the candidate shall demonstrate the ability to:

Ma	Ti. an Green a	FIRST	TEST	RET	EST
No.			Fail	Pass	Fail
1.	Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS				
2.	Ensure that all responders are wearing appropriate PPE. MUST PASS				
3.	Use manufacturer's instruction manual to select the proper colorimetric tube for sampling and check expiration dates for the tube.				
4.	Perform a functional test to check device per manufacturer's instructions to ensure correct operation.				
5.	Reset the counter.				
6.	Properly break both ends off of the tube(s) using the provided cutter.				
7.	Insert the tube into the hand pump in the proper direction				
8.	Hold the tip of the tube an appropriate distance away from the product or container opening, taking care not to come into contact with any solid or liquid product. MUST PASS				
9.	Sample the product based on manufacturer's instructions. MUST PASS				
10.	Remove the tube from the pump and read, interpret, and record the results per manufacturer's instructions. MUST PASS				
11.	Dispose of sampling tube in accordance with appropriate regulations.				
12.	Decontaminate equipment and return to operational state per manufacturer's instructions.				
13.	Complete required reports and supporting documentation.				

First Test: Total points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Co	nments:		

7.2.1, 7	3.2 Demonstrate proper use of pH paper to identify hazards			IPR - H sed: Marc	
Candid	late: Date	:			
Studen					
STAND 2017 E	ARD: 7.2.1, 7.3.2 NFPA 1072, dition TASK: Demonstrate proper use of pH paper to iden	tify hazar	ds.		
	RMANCE OUTCOME: The candidate will demonstrate proper use of pH paper to identify ninimum of 7 out of 10 steps including any MUST PASS items to successfully complete			date must	
EQUIPM • • •	MENT REQUIRED: NAERG Radios pH paper Reports/documentation Decontamination equipment Manufacturer's instructions PPE				
Condi	TIONS: Given a hazardous material incident, the candidate shall demonstrate the ability to):			
No.	TASK STEPS		TEST	RET Pass	TEST Fail
1.	Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS	Pass	Fail	1 455	ran
2.	Ensure that all responders are wearing appropriate PPE. MUST PASS				
3.	Inspect the paper to ensure it has not been exposed or expired.				
4.	Remove a piece of appropriate size pH paper from the roll or remove strip from the container and secure the paper.				
5.	Sample the product. MUST PASS				
6.	Compare results to pH paper color scale to determine if the product is an acid, a base, or neutral. MUST PASS				
7.	Report results according to AHJ's procedures.				
8.	Dispose of pH papers in accordance with appropriate regulations.				
9.	Decontaminate equipment and return to operational state per manufacturer's instructions.				
10.	Complete required reports and supporting documentation.				
rst Tes	t: ts needed to pass: 7 Total points scored: All MUST PASS items passed:		No_ No_		

Evaluator (Print & Sign)	Date	Candidate	Date
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Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Commer	nts:		

7.2.1, 7.3.2 Demonstrate proper use of reagent test paper to identify hazards **JPR - HMT #8** Revised: March 6, 2019 Date: **Candidate:** Student#: **STANDARD:** 7.2.1, 7.3.2 NFPA 1072, **TASK:** Demonstrate proper use of reagent test paper to identify hazards. 2017 Edition PERFORMANCE OUTCOME: The candidate will demonstrate proper use of reagent test paper to identify hazards. The candidate must pass a minimum of 7 out of 10 steps, including all MUST PASS items to successfully complete this skill. **EQUIPMENT REQUIRED:** NAERG Radios Reagent test paper PPE Decontamination equipment Reports/documentation Manufacturer's instructions CONDITIONS: Given a hazardous material incident, the candidate shall demonstrate the ability to: RETEST FIRST TEST No. TASK STEPS Fail **Pass** Pass Fail Ensure proper detection, monitoring, or sampling method and equipment is chosen. 1. MUST PASS 2. Ensure that all responders are wearing appropriate PPE. MUST PASS 3. Inspect the test paper to ensure it has not been exposed or expired. 4. Remove a piece of appropriate size reagent test paper. 5. Sample the product. **MUST PASS** Identify any colour changes to the reagent test paper and compare them with the 6. provided reference. MUST PASS 7. Report results according to AHJ's procedures. 8. Dispose of reagent test paper in accordance with appropriate regulations. Decontaminate equipment and return to operational status per manufacturer's 9. instructions. 10. Complete required reports and supporting documentation. **First Test:** Total points needed to pass: 7 Total points scored: _____ All MUST PASS items passed: Yes_____ No____ **Second Test:**

Total points needed to pass: 7 Total points scored: _____ All MUST PASS items passed: Yes_____ No____

Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Comm	ents:		

7.2.1, 7.3.2 Demonstrate proper use of radiation detection instruments to identify and monitor hazards

Second Test:

JPR – HMT #9

Revised: March 6, 2019

Candio Studer		Date:				
	*	K: Demonstrate proper use of radiation detection itor hazards.	on instrur	nents to i	dentify an	d
hazard		demonstrate proper use of radiation detection in f 10 out of 13 steps, including all MUST PASS it				
•	MENT REQUIRED: PPE NAERG Radios Radiation detection instruments Manufacturer's instructions Decontamination equipment				1.11	
CONDI	TTIONS: Given a scenario involving hazardo	ous materials/WMD incidents, the candidate sha			_	
	NO. TASK STEPS FIRST TEST				RETEST Pass Fai	
No.	1110	A D LL U	Pass	Hall	I ass	1.0
1.		sampling method and equipment is chosen.	Pass	Fail	1 ass	1.0
	Ensure proper detection, monitoring, or s MUST PASS	sampling method and equipment is chosen.	Pass	Fall	1 455	
1.	Ensure proper detection, monitoring, or s	campling method and equipment is chosen. Oppropriate PPE. MUST PASS	Pass	Fall	1 455	
1.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi	campling method and equipment is chosen. Depropriate PPE. MUST PASS The control of the control	Pass	Fail	1 455	
1. 2. 3.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintain	propriate PPE. MUST PASS ce is serviceable. ined and appropriately calibrated according to ions.	Pass	Faii	1 455	
1. 2. 3. 4.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintai AHJ's SOPs and manufacturer's instruction	campling method and equipment is chosen. Depropriate PPE. MUST PASS The control of the control	Pass	Fail	1 455	
1. 2. 3. 4. 5.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintai AHJ's SOPs and manufacturer's instructi Turn on the meter and test detector again	campling method and equipment is chosen. Depropriate PPE. MUST PASS The ce is serviceable. The control of th	Pass	raii	1 455	
1. 2. 3. 4. 5. 6.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintai AHJ's SOPs and manufacturer's instructi Turn on the meter and test detector again Acquire background radiation levels. Mu	sampling method and equipment is chosen. propriate PPE. MUST PASS ce is serviceable. ined and appropriately calibrated according to ions. ast check source. UST PASS uirements.	Pass	Fail	1 455	
1. 2. 3. 4. 5. 6. 7.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintai AHJ's SOPs and manufacturer's instructi Turn on the meter and test detector again Acquire background radiation levels. MU Properly monitor the area per AHJ's requ	sampling method and equipment is chosen. spropriate PPE. MUST PASS ce is serviceable. and appropriately calibrated according to sons. ast check source. UST PASS uirements. tion. MUST PASS	Pass	Fail	1 455	
1. 2. 3. 4. 5. 6. 7. 8.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintal AHJ's SOPs and manufacturer's instructi Turn on the meter and test detector again Acquire background radiation levels. Mu Properly monitor the area per AHJ's req Determine the presence of ionizing radia	sampling method and equipment is chosen. propriate PPE. MUST PASS ce is serviceable. Ined and appropriately calibrated according to ions. Inst check source. UST PASS uirements. tion. MUST PASS s. Record results.	Pass	Fail	1 455	
1. 2. 3. 4. 5. 6. 7. 8.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing ap Perform initial inspection to ensure devi Ensure that the monitor has been maintai AHJ's SOPs and manufacturer's instructi Turn on the meter and test detector again Acquire background radiation levels. MI Properly monitor the area per AHJ's req Determine the presence of ionizing radia Compare radiation values to AHJ's SOP	sampling method and equipment is chosen. propriate PPE. MUST PASS ce is serviceable. ined and appropriately calibrated according to ions. ast check source. UST PASS uirements. tion. MUST PASS s. Record results. ements.	Pass	Fail	1 455	
1. 2. 3. 4. 5. 6. 7. 8. 9.	Ensure proper detection, monitoring, or s MUST PASS Ensure that all responders are wearing apperform initial inspection to ensure devive Ensure that the monitor has been maintain AHJ's SOPs and manufacturer's instruction Turn on the meter and test detector again Acquire background radiation levels. MU Properly monitor the area per AHJ's require Determine the presence of ionizing radiation Compare radiation values to AHJ's SOP Report results according to AHJ's require	sampling method and equipment is chosen. spropriate PPE. MUST PASS ce is serviceable. med and appropriately calibrated according to toons. set check source. UST PASS uirements. tion. MUST PASS s. Record results. ements. te instrument.	Pass	Fail	1 455	

Total points needed to pass: 10 Total points scored: _____ All MUST PASS items passed: Yes____ No____

Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			

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HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.2.1, 7.3.2 Demonstrate proper use of dosimeters to identify personal dose received

JPR - HMT #10

Candi Stude	idate:ent#:	Date:			
	DARD: 7.2.1, 7.3.2 TASK: Demonstrate proper use of dosimeter A 1072, 2017 Edition	rs to identify per	sonal dose	e received.	
	ORMANCE OUTCOME: The candidate will demonstrate proper use of dosimeters to andidate must score a minimum of 10 out of 13 steps , including all MUST PASS item				11.
EQUIP • • • •	PMENT REQUIRED: NAERG Radios Dosimeters Manufacturer's instructions Decontamination equipment PPE Reports/documentation				
COND		idate shall demor	strate the	ability to	
COND	OITIONS: Given a scenario involving hazardous materials/WMD incidents, the candi				
COND No.		FIRST	TEST	ability to:	
	OITIONS: Given a scenario involving hazardous materials/WMD incidents, the candi	FIRST Pass		RET	TEST
No.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen	FIRST Pass	TEST	RET	TEST
No. 1.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen MUST PASS	FIRST Pass	TEST	RET	TEST
No. 1. 2.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable.	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3. 4.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated.	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3. 4. 5.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you.	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you. Ensure the dosimeter reads zero.	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you. Ensure the dosimeter reads zero. Don the dosimeter per manufacturer's instructions.	FIRST Pass	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7. 8.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you. Ensure the dosimeter reads zero. Don the dosimeter per manufacturer's instructions. Perform mission activity.	Pass en.	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7. 8.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you. Ensure the dosimeter reads zero. Don the dosimeter per manufacturer's instructions. Perform mission activity. Doff the dosimeter. Follow manufacturer's instructions and AHJ's procedures regarding dosimeters	Pass en.	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chose MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Ensure the device is properly calibrated. Log the dosimeter to you. Ensure the dosimeter reads zero. Don the dosimeter per manufacturer's instructions. Perform mission activity. Doff the dosimeter. Follow manufacturer's instructions and AHJ's procedures regarding dosimeters analysis. MUST PASS	Pass en.	TEST	RET	TEST

Total points needed to pass: 10 Total points scored: _____ All MUST PASS items passed: Yes_____ No___



Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Comments:			



7	2 1	1	7 3	2 2) T	Demonstrate	nronar i	ica of	nhat	oioniza	ation	detectors	to iden	tify ha	zarde
/.	Z.	١.	/)./	-	Jemonstrate	proper t	ise oi	DNOL	OIOHIZZ	ation	aetectors	to iden	uiv na	zarus

			R	evised: Ma	rch 6, 201
Candi Stude		te:			
	DARD: 7.2.1, 7.3.2 TASK: Demonstrate proper use of photoionization 1072, 2017 Edition	n detectors	to identify	hazards.	
	ORMANCE OUTCOME: The candidate will demonstrate proper use of photoionization det andidate must pass a minimum of 8 out of 11 steps, including all MUST PASS items, to s		•		
EQUIP	PMENT REQUIRED:				
•	NAERG				
•	PPE				
•	Decontamination equipment				
•	Radios Manufacturer's instructions				
•	Manufacturer's instructions				
_	Dhataionization datastan				
•	Photoionization detector Reports/documentation				
•	Photoionization detector Reports/documentation				
• • Cond					
COND No.	Reports/documentation	FIRST	TEST	RET	TEST
	Reports/documentation OTTIONS: Given a scenario involving hazardous materials/WMD incidents, the candidate s				
No.	Reports/documentation OTTIONS: Given a scenario involving hazardous materials/WMD incidents, the candidate s TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen.	FIRST	TEST	RET	TEST
No. 1.	Reports/documentation TIONS: Given a scenario involving hazardous materials/WMD incidents, the candidate s TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS	FIRST	TEST	RET	TEST
No. 1. 2.	Reports/documentation OTTIONS: Given a scenario involving hazardous materials/WMD incidents, the candidate s TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS	FIRST	TEST	RET	TEST
No. 1. 2. 3.	Reports/documentation TIONS: Given a scenario involving hazardous materials/WMD incidents, the candidate s TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable.	FIRST	TEST	RET	TEST
No. 1. 2. 3. 4.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Perform a "fresh air" calibration.	FIRST	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Perform a "fresh air" calibration. Operate the device per manufacturer's instructions and AHJ's procedures. Properly monitor the area per AHJ's requirements. MUST PASS	FIRST	TEST	RET	TEST
No. 1. 2. 3. 4. 5.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Perform a "fresh air" calibration. Operate the device per manufacturer's instructions and AHJ's procedures.	FIRST	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Perform a "fresh air" calibration. Operate the device per manufacturer's instructions and AHJ's procedures. Properly monitor the area per AHJ's requirements. MUST PASS Identify correction factors and apply them as necessary.	FIRST	TEST	RET	TEST
No. 1. 2. 3. 4. 5. 6. 7. 8.	TASK STEPS Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Perform initial inspection to ensure device is serviceable. Perform a "fresh air" calibration. Operate the device per manufacturer's instructions and AHJ's procedures. Properly monitor the area per AHJ's requirements. MUST PASS Identify correction factors and apply them as necessary. Report results per AHJ's requirements.	FIRST	TEST	RET	TEST

Total points needed to pass: 8 Total points scored: _____ All MUST PASS items passed: Yes____ No____



Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator/Candidate Comments:			

Strice Professional Charles of the Professional Charles of

MUST PASS

Record results.

instructions.

2.

3.

4.

5.

6.

7.

8.

9.

10.

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.2.1,7.3.2 Demonstrate the use of a noncontact thermal detection device to identify hazards

Ensure that all responders are wearing appropriate PPE. MUST PASS

Standing as close as safely possible, use the aiming laser to assess the target from the lowest point on the target and scan up slowly and methodically. **MUST PASS**

Decontaminate equipment and return to operational state per manufacturer's

Perform initial inspection to ensure device is serviceable.

When monitoring is complete, turn off the device.

Insert appropriate batteries and turn on the thermal detector.

Return to proper storage per manufacturer's instructions.

Complete required reports and supporting documentation.

JPR – HMT #12

Revised: March 6, 2019

Candid	ate:	Date	e:			
Studen	#:					
	ARD: 7.2.1, 7.3.2 1072, 2017 Edition	TASK: Demonstrate the use of a noncontact therm hazards.	al detection	on device	to identify	7
hazards		e shall demonstrate the use of a noncontact thermal d um of 7 out of 10 steps, including all MUST PASS ite				
EQUIPM	PPE Radios NAERG Noncontact thermal detection dev. Manufacturer's instructions Decontamination equipment Reports/documentation	ice				
CONDIT	TIONS: Given a scenario involving h	nazardous materials/WMD incidents, the candidate sh	all demon	strate the	ability to:	
No.		TASK STEPS		TEST	RET	
1.	Ensure proper detection, monitori	ng or sampling method and equipment is chosen	Pass	Fail	Pass	Fail



First Test:					
Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No		
Second Test:					
Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No		
Proctor (Print & Sign)	Date	Candidate		Date	
Re-Test Proctor	Date	Re-Test Candidate		Date	
Proctor/Candidate Commo	ents:				

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HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.2.3, 7.3.2 Evaluate the condition of a hazardous materials container JPR – HMT #13

Candidate:						
Studer	nt#:	•				
	DARD: 7.2.3, 7.3.2 TASK: Evaluate the cond 1072, 2017 Edition	ition of a hazardous mater	rials conta	ainer.		
	DRMANCE OUTCOME: The candidate shall evaluate the condition minimum of 6 out of 8 steps, including all MUST PASS items, in				andidate n	nust
EOUIP	PMENT REQUIRED:					
±QUIF. •	Radios					
•	PPE					
•	Containers					
•	Decontamination equipment					
	ITIONS: Given a scenario involving hazardous materials/WMD is	nordenis, the currendice sha				
No.	TASK STEPS		FIRST		Pass	FEST
110.			Daga			
	Select and use proper PPF MUST PASS		Pass	Fail	1 433	_
1.	Select and use proper PPE. MUST PASS Inspect container and its closures		Pass	Faii	1 433	
1. 2.	Inspect container and its closures.	damage and stress	Pass	Fall	1 433	1
1.	Inspect container and its closures. Assess condition of container and closure, including types of Identify level of risk associated with container and closure da		Pass	Fall	1 435	
1. 2. 3.	Inspect container and its closures. Assess condition of container and closure, including types of		Pass	Fall	1 435	
1. 2. 3. 4.	Inspect container and its closures. Assess condition of container and closure, including types of Identify level of risk associated with container and closure da PASS		Pass	Fail	1 4353	
1. 2. 3. 4.	Inspect container and its closures. Assess condition of container and closure, including types of Identify level of risk associated with container and closure da PASS Follow safety procedures. MUST PASS		Pass	Fall	1 4155	



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			

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HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.3.1 Develop response objectives and response options for a hazmat/WMD incident

JPR- HMT #14

Revised March 7, 2019

Candid Student			Date	:			
STANDARD: 7.3.1 2017 Edition TASK: Develop response			se objectives and response of	options fo	r a hazma	ıt/WMD ir	ncident.
		he candidate shall develop response of successfully complete this skill.	objectives and response option	ons for a l	nazmat/W	MD incid	ent. The
Equipn • • • • CONDIT	PPE NAREG Reference resources Radios	involving hazardous materials/WMI) incidents, the candidate sh	all demon	strate the	ability to:	
No		The case Communica		FIRST	TEST	RET	EST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	·	sponse objectives for the incident.					
2.		sponse options for each response obje					
3.	Make recommendation Commander or hazard	ns for response objectives and respondous materials officer.	se options to the Incident				
cond T	nts needed to pass: 3	Total points scored: All r	•				
Proct	tor (Print & Sign)	Date	Candidate			Date	
R	e-Test Proctor	Date	Re-Test Candidate	:		Date	:



Evaluator/Supervisor Comments:		



7.2.4, 7.3.2 Predict the likely behaviour of materials when multiple hazardous materials are involved

JPR-HMT #15

Revised March 7, 2019

Candidate: Student#:		Date:				
STANDA 2017 Ed	TASK: Predict the likely behaviour of materials w involved in an incident.	hen multip	ole hazard	lous mater	ials are	
involved	RMANCE OUTCOME: The candidate shall predict the likely behaviour of materials when d in an incident. The candidate must pass a minimum of 9 out of 12 steps , including all the this skill.					
Equipm	PPE Reference resources Monitoring equipment Containers Decontamination equipment Radios Reports/documentation					
CONDIT	TIONS: Given a hazmat incident involving multiple hazardous materials, the candidate s	hall demo	nstrate the	e ability to	:	
No.	TASK STEPS	FIRST	TEST	RET	TEST	
	TASK STEPS	Pass	Fail	Pass	Fail	
1.	Collect hazard and response information					
2.	Interpret hazard and response information.					
3.	Ensure proper detection, monitoring, or sampling method and equipment is chosen					

MUST PASS 4. Ensure that all responders are wearing appropriate PPE. MUST PASS 5. Inspect containers and closures. 6. Assess condition of containers and closures, including types of damage and stress. 7. Identify level of risk associated with containers and closure damage and stress. **MUST PASS** 8. Predict likely behaviour of materials. MUST PASS 9. Identify any reactivity issues associated with mixing various hazardous materials. **MUST PASS** 10. Communicate the predicted behaviour. 11. Decontaminate equipment and return to operational state per manufacturer's instructions. 12. Complete required reports and supporting documentation.



First Test:			
Total points needed to pass: 9	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comm	ents:		



7.2.5, 7.3.2 Estimate the potential outcome of a hazmat/WMD incident

JPR- HMT #16

Revised March 7, 2019

	ate: Date	e:			
Studen	t#:				
STAND 2017 E	TASK: Estimate the potential outcome of a hazma dition	t/WMD ir	ncident.		
	RMANCE OUTCOME: The candidate shall estimate the potential outcome of a hazmat/W minimum of 7 out of 10 steps, including all MUST PASS items, to successfully complete			candidate	must
Equipn	nent:				
•	PPE				
•	Reference resources				
•	Monitoring equipment				
•	Decontamination equipment				
•	Radios				
•	Reports/documentation				
a	FIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:				
CONDI	Trongs Given a nazmag with merdent, the candidate shall demonstrate the ability to.				
	<u> </u>	FIRST	TEST	RE	ГЕST
No.	TASK STEPS	FIRST Pass	TEST Fail	RE:	
	<u> </u>				
No.	TASK STEPS				1
No.	TASK STEPS Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS				1
No. 1. 2.	TASK STEPS Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen.				1
No. 1. 2.	TASK STEPS Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS				1
No. 1. 2. 3. 4.	TASK STEPS Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Determine concentration of materials within the endangered area.				1
No. 1. 2. 3. 4. 5.	TASK STEPS Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Determine concentration of materials within the endangered area. Identify the physical, health, and safety hazards within the endangered area.				
No. 1. 2. 3. 4. 5. 6.	Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Determine concentration of materials within the endangered area. Identify the physical, health, and safety hazards within the endangered area. Identify the areas of potential harm within the endangered area.				Fa
No. 1. 2. 3. 4. 5. 6.	Analyze the incident using resources and equipment. Ensure proper detection, monitoring, or sampling method and equipment is chosen. MUST PASS Ensure that all responders are wearing appropriate PPE. MUST PASS Determine concentration of materials within the endangered area. Identify the physical, health, and safety hazards within the endangered area. Identify the areas of potential harm within the endangered area. Estimate the potential outcomes in the endangered area. MUST PASS				1



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comments:			

	date:	Date	:			
Stude	nt#:					
STAND 2017 E		'ASK: Develop a site safety and control plan.				
	steps, including all MUST PASS items, to	all develop a site safety and control plan. The cane successfully complete this skill.	didate mu	ıst pass a	minimum	of 7 o
•	Reference Resources	• Emergency response plan • paper	/pens			
COND	ITIONS: Given a hazmat/WMD incident	t, the candidate shall demonstrate the ability to:				
No.	7	TASK STEPS	FIRST	TEST	RET	TEST
110.		TASK STELS	Pass	Fail	Pass	Fail
1.	Identify tasks and resources required	to meet response objectives.				
2	Address specified response objective	s and options.				
2.						
3.	Ensure plan is consistent with emerge	ency response plan and policies and procedures.				
3. 4.	1	ency response plan and policies and procedures. f available resources, including personnel.				
3.	1	• • • • • •				
3. 4. 5. 6.	Ensure plan is within the capability o	f available resources, including personnel.				
3. 4. 5. 6. 7.	Ensure plan is within the capability of Prepare an incident action plan.	f available resources, including personnel.				
3. 4. 5. 6. 7. 8.	Ensure plan is within the capability of Prepare an incident action plan. Identify site safety and control compo	f available resources, including personnel.				
3. 4. 5. 6. 7.	Ensure plan is within the capability of Prepare an incident action plan. Identify site safety and control composite dentify points for a safety briefing. Identify pre-entry tasks.	f available resources, including personnel.				

Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comments:			

7.4.1 Perform the duties of an assigned function within the Incident Command System

JPR- HMO #18

Revised March 7, 2019

	date:		Date:						
Stude	nt#:		_						
	DARD: 7.4.1 Edition	TASK: Perform the dutie System.	TASK: Perform the duties of an assigned function within the Incident Command System.						
		E: The candidate will perform the duties of to successfully complete this skill.	an assigned function withi	in the Inc	ident Con	nmand Sys	stem. T		
Equip	ment:								
•	PPE	• Radios							
COND	ITIONS: Given a haz	zmat/WMD incident, the candidate shall der	monstrate the ability to:						
No		TASK STEPS		FIRST TEST		RETEST			
No.		TASK STEPS		Pass	Fail	Pass	Fail		
1.	Performed assign	ed duties in the Hazardous Materials Branc	h or group organization.						
2.		servations to Hazardous Materials Branch I Incident Commander.	Director/Supervisor, ICS						
cond ' otal poi		s: 2 Total points scored: All M	UST PASS items passed: Y	Yes	No				
Pro	ctor (Print & Sign)	Date	Candidate			Date	•		
	Re-Test Proctor	Date	Re-Test Candidate			Date	<u>,</u>		
	ator/Supervisor Co		200 Test Camadate			Duk	•		
Evalu									

7.5.1 Assess and communicate progress of assigned tasks at a hazmat/WMD incident **JPR-HMT #19** Revised March 7, 2019 Candidate: Student#: **STANDARD:** 7.5.1 NFPA 1072 **TASK:** Assess and communicate progress of assigned tasks at a hazmat/WMD incident. 2017 Edition PERFORMANCE OUTCOME: The candidate shall assess and communicate progress of assigned tasks at a hazmat/WMD incident. The candidate must score a minimum of 3 out of 4 steps, including all MUST PASS items, to successfully complete this skill. **Equipment: PPE** • Emergency response plan Radios Reference resources CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: RETEST FIRST TEST No. TASK STEPS **Pass** Fail **Pass** Fail 1. Compare actual behaviour of material and container to predicted behaviour. 2. Determine effectiveness of response options and actions in accomplishing response 3. Modify response options and actions based on incident status review. 4. Communicate status of response options and actions. First Test: Total points needed to pass: 4 Total points scored: _____ All MUST PASS items passed: Yes____ No____ **Second Test:** Total points needed to pass: 4 Total points scored: _____ All MUST PASS items passed: Yes____ No____ Candidate **Proctor** (Print & Sign) Date Date Re-Test Proctor Date **Re-Test Candidate** Date **Evaluator/Supervisor Comments:**

7.3.2 Select PPE appropriate to a hazardous materials/WMD incident

JPR- HMT #20 Revised March 8, 2019

Candidate:		Date:						
Student#:								
STANDARD: 7.3.2 NFPA 1072 2017 Edition	TASK: Select PPE ap	ppropriate to a hazardous mat	erials/WM	D incider	nt.			
PERFORMANCE OUTCOME: The cascore 100 % to successfully complete		priate to a hazardous materia	ls/WMD i	ncident. T	he candid	ate mu		
Equipment:								
• PPE • Rad	ios							
CONDITIONS: Given a hazmat/WM	D incident, the candidate shall	demonstrate the ability to:	_					
No.	TASK STEPS		FIRST TEST		RETEST			
140.	TASK STEFS		Pass	Fail	Pass	Fail		
	specified response option base	ed on all identified hazards.						
2. Determine effectiveness of	protective clothing based on it	ts uses and limitations.						
	al points scored: All	l MUST PASS items passed:	Yes					
	al points scored: All	l MUST PASS items passed:	Yes					
econd Test: otal points needed to pass: 2 Total Proctor (Print & Sign)	al points scored: All	l MUST PASS items passed: Candidate	Yes					
otal points needed to pass: 2 Total	•	•						
Proctor (Print & Sign)	Date	Candidate			Date			
Proctor (Print & Sign) Re-Test Proctor	Date	Candidate			Date			
Proctor (Print & Sign) Re-Test Proctor	Date	Candidate			Date			

7.4.2 Don, work in, undergo technical decontamination while wearing, and doff firefighting personal protective equipment

SOPs and document findings.

JPR- HMT #21 Revised March 8, 2019

Student#: STANDARD: 7.4.2 2017 Edition TASK: Don, work in, undergo technical decontamination while wearing, and doff firefighting personal protective equipment. PERFORMANCE OUTCOME: The candidate shall don, work in, undergo technical decontamination while wearing, and doff firefighting personal protective equipment. The candidate must score 100 % to successfully complete this skill. Equipment: PPE						
		0	ation wh	ile wearii	ng, and do	off
PERFO	RMANCE OUTCOME: The candidate shall don, work in, underg	o technical decontamination			and doff	
Equipn	nent:					
•	PPE • SCBA • Decontamination	on equipment				
•		1 1				
CONDIT	TIONS: Given a hazmat/WMD incident, the candidate shall den	nonstrate the ability to:				
No	TASK STEPS		FIRST	TEST	Ret	EST
	INOROTHO		Pass Fail		Pass	Fail
		defects.				
	Don protective trousers and boots.					
	Don protective hood, pulling hood down around neck and exposing head.					
5.						
	• •					
		(nei)				
6.		p31)				
7.		not exposed.				
8.		r				
9.						
10.						
11.	-					
12.		functioning properly.				
13.		<u> </u>				
14.	1 ,					
15.	Undergo technical decontamination per AHJ's SOPs.					
16.	Doff PPE in reverse order according to AHJ's SOPs, avoiding ensemble or surfaces that may be contaminated.	contact with outer				
17.	Conduct a post-entry inspection of PPE for damage or defects	according to AHJ's				

First Test: Total points needed to pass: 17	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 17	Total points scored:	All Must pass items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comme	nts:		

7.4.2 Don, work in, undergo technical decontamination while wearing, and doff a Level C ensemble

JPR- HMT #22 Revised March 8, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.2 NFPA 1072 2017 Edition	TASK: Don, work in, undergo technical decontamination while wearing, and doff a Level C ensemble.
PERFORMANCE OUTCOME: The candidate ensemble. The candidate must score 100 %	te shall don, work in, undergo technical decontamination while wearing, and doff a Level C to successfully complete this skill.
Equipment: • Level C ensemble • R • Decontamination equipment	Respirator

• Manufacturer's instructions

CONDITIONS: Given a hazmat/WMD incident the candidate shall demonstrate the ability to:

Radios

Nic	The care Common or	FIRST	TEST	RET	TEST
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Perform a visual inspection of PPE for damage or defects.				
2.	Don Level C PPE and secure closures.				
3.	Don work boots.				
4.	Pull ensemble leg opening over the top of the work boots.				
5.	Don respirator.				
6.	Pull ensemble hood up completely so that facepiece straps and skin are not exposed.				
7.	Don inner protective gloves.				
8.	Don outer protective gloves.				
9.	Pull ensemble sleeves over the outside of the gloves.				
10.	Breathe through respirator and ensure that respirator is functioning properly.				
11.	Perform pre-entry checks as per AHJ's SOPs.				
12.	Perform work assignment.				
13.	After assignment has been performed, proceed to decontamination line.				
14.	Undergo technical decontamination as per AHJ's SOPs, avoiding contact with outer ensemble or surfaces that may be contaminated.				
15.	Doff ensemble according to AHJ's SOPs, avoiding contact with outer ensemble or surfaces that may be contaminated.				
16.	Doff respirator according to AHJ's SOPs.				
17.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document findings.				
18.	Return to proper storage as per manufacturer's instructions.				

First Test: Total points needed to pass: 18	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 18	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comme	nts:		

7.4.2 Don, work in, undergo technical decontamination while wearing, and doff liquid splash-protective clothing

JPR- HMT #23 Revised March 8, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.2 NFPA 1072 2017 Edition	TASK: Don, work in, undergo technical decontamination while wearing, and doff liquid splash-protective clothing.
	shall don, work in, undergo technical decontamination while wearing, and doff liquid ust score 100 % to successfully complete this skill.
NOTE: Assistance is to be provided by co	rew members to the person donning the ensemble.

Equipment:

- Liquid splash-protective clothing
- SCBA
- Radios
- Decontamination equipment

CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:

No.	The cyc Compag	FIRST TEST Pass Fail		RET	TEST
NO.	TASK STEPS			Pass	Fail
1.	Perform a visual inspection of PPE and SCBA for damage or defects.				
2.	Perform pre-entry medical monitoring as per SOPs.				
3.	Don liquid-splash PPE and secure closures.				
4.	Don work boots according to AHJ's SOPS.				
5.	Don SCBA.				
	a. Ensure cylinder is full (within 90 %)				
	b. Ensure valve is fully open				
	c. Listen for low air alarm				
	d. Listen for PASS device				
	e. Ensure remote gauge matches cylinder gauge (within 100 psi)				
6.	Don SCBA facepiece and ensure a proper fit and seal.				
7.	Pull ensemble hood up completely so that facepiece straps and skin are not exposed.				
8.	Don protective head gear (if required by AHJ).				
9.	Don inner protective gloves.				
10.	Don outer protective gloves.				
11.	Attach SCBA regulator to facepiece and ensure proper operation.				
12.	Perform pre-entry checks according to AHJ's SOPs.				
13.	Perform work assignment.				
14.	Undergo technical decontamination as per AHJ's SOPS.				
15.	Remove PPE in reverse order of donning, avoiding contact with outer ensemble or				
	surfaces that may be contaminated.				
16.	Ensure medical monitoring is performed as per AHJ's SOPs.				
17.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's				
	SOPs and document findings.				
18.	Return to proper storage as per manufacturer's instructions.				

First Test: Total points needed to pass: 18	Total points scored:	All Must Pass items passed: Yes	No
Second Test: Total points needed to pass: 18	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Evaluator/Supervisor Comme	nts:		



7.4.2 Don, work in, undergo technical decontamination while wearing, and doff vapour protective clothing

JPR - HMT # 24

Revised: March 8, 2019

Candidate: Student#:	Date:
STANDARD: 7.4.2 NFPA 1072 2017 Edition	TASK: Don, work in, undergo technical decontamination while wearing, and doff vapour protective clothing.
	shall don, work in, undergo technical decontamination while wearing, and doff vapour re 100 % to successfully complete this skill.

EQUIPMENT REQUIRED:

- Vapour protective clothing
- Self-contained breathing apparatus
- Decontamination equipment
- Radios

CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:

NOTE: Assistance is to be provided by crew members to the person donning the ensemble.

No		FIRST TEST Pass Fail		RET	EST
No.	TASK STEPS			Pass	Fail
1.	Perform a visual inspection of PPE and SCBA for damage or defects.				
2.	Perform pre-entry medical monitoring as per SOPs.				
3.	Ensure ensemble is the correct size.				
4.	Remove shoes, belts, and any objects that could damage ensemble.				
5.	Don ensemble according to AHJ's SOPs.				
6.	Don SCBA.				
	a. Ensure cylinder is full (within 90 %)				
	b. Ensure valve is fully open				
	c. Listen for low air alarm				
	d. Listen for PASS device				
	e. Ensure remote gauge matches cylinder gauge (within 100 psi)				
7.	Turn on air supply, don SCBA facepiece, check seal and breathe normally to ensure				
8.	SCBA operates properly. Don protective head gear (if required by AHJ).				
9.					
	Perform pre-entry checks according to AHJ's SOPs.				
10.	Perform work assignment.				
11.	Undergo technical decontamination as per AHJ's SOPs.				
12.	Remove PPE in reverse order of donning, avoiding contact with outer ensemble or surfaces that may be contaminated.				
13.	Ensure medical monitoring is performed as per AHJ's SOPs.				
14.	Conduct a post-entry inspection of PPE for damage or defects according to AHJ's SOPs and document findings.				
15.	Return to proper storage as per manufacturer's instructions.				



First Test: Total points needed to pass: 15	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comme	nts:		



7.4.2 Inspect, test, maintain, and document chemical protective clothing serviceability

JPR - HMT # 25

Revised: March 13, 2019

Stude	nt#:	Date:	:			
		CASK: Inspect, test, maintain, and document chemi erviceability.	cal protec	ctive clot	hing	
		nall inspect, test, maintain, and document chemical at of 10 steps, including all MUST PASS items, to su			_	
•	PMENT REQUIRED: Chemical protective clothing Testing equipment Documentation materials ITIONS: Given chemical protective cloth	ning, the candidate shall demonstrate the ability to	:			
No.		FASK STEPS	FIRST	TEST	RETEST	
			Pass	Fail	Pass	Fa
1. 2.	Ensure the suit's serviceability as per Visually inspect both the interior and defects.	exterior of the suit looking for damage or				
3.	Visually inspect the suit for any chan	ges to the suit material.				
4.	Check to ensure the zipper functions					
5.	Check the function of all valves and	passthroughs if applicable.				
		ng (Pressure Test) oplicable to vapour-protective suits.				
	Test suit according to manufacturer's					
6.	Check and record pressure as per ma					
6.7.						
7.		Maintenance				
	Maintain suit according to manufactu	irer's recommendations.				
7.	Maintain suit according to manufactu Do	rer's recommendations.				
7.	Maintain suit according to manufactu Do	cumentation pection as per AHJ's requirements and remove from service. MUST PASS				

Total points needed to pass: 7 Total points scored: _____ All MUST PASS items passed: Yes____ No____



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



PASS

Instruct each person to move to a clean area to dry off.

Ensure personnel, tools, and equipment are decontaminated.

Complete required reports and supporting documentation.

Inform EMS personnel of contaminant involved and its hazards, if known. MUST

Terminate decontamination operations according to AHJ's policies and procedures.

Send each person for medical treatment.

12.

13.

14.

15.

16.

17.

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.4.4.1 Perform mass decontamination on ambulatory people

JPR - HMT # 26

	- VV	, people		Re	evised: Mar	rch 13,2019
Candid	date:	Date:	; <u> </u>			
Studen	at#:					
	DARD: 7.4.4.1 TASK: Perform 1072, 2017 Edition	n mass decontamination on ambulato	ry people	ż.		
	DRMANCE OUTCOME: The candidate shall perform manum of 12 out of 17 steps, including all MUST PASS ite			he candid	late must	pass a
•	PMENT REQUIRED: Personal protective equipment Decontamination equipment Fire apparatus Fog nozzles ITIONS: Given a hazmat/WMD incident, the candidate	shall demonstrate the ability to				
	TIONS. GIVEN A NAZIMAN WIND INCIDENT, THE CAMERICAN	shan demonstrate the ability to.	FIRST	TEST	RET	TEST
No.	TASK STEPS	-	Pass	Fail	Pass	Fail
1.	Ensure proper decontamination method has been ch	nosen to minimize hazards. MUST				
2.	Ensure that all responders are wearing appropriate I decontamination operations. MUST PASS	PPE for performing mass				
3.	Ensure decontamination operations are set up in a s					
4.	Ensure the decontamination corridor provides priva	•				
5.	Prepare fire apparatus for use during mass decontant	nination.				
6.	Set fire nozzle to fog pattern.					
7.	Instruct all people to go through mass decontaminate					
8.	Instruct each person to remove contaminated clothin come into further contact with any contaminants.	<u> </u>				
9.	Instruct each person to keep arms raised as they pro area.	ceed slowly through the wash				
10.	Monitor for additional contamination using the appr	opriate detection device.		<u></u>		
11.	If contamination is found, instruct each person to go	through the wash again. MUST				



mat Toats			
rst Test: otal points needed to pass: 13	2 Total points scored:	All MUST PASS items passed: Yes	No
tur points needed to pass. 12	_	1 III Mest 1 Mss Remis passed. Tes	
econd Test:			
otal points needed to pass: 12	2 Total points scored: _	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comm	ents:		
Proctor/Candidate Comm	ents:		



7.4.4.1 Perform mass decontamination on non-ambulatory victims

JPR – HMT # 27

Revised: March 13, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.4.1 NFPA 1072, 2017 Edition	TASK: Perform mass decontamination on non-ambulatory victims.

PERFORMANCE OUTCOME: The candidate shall perform mass decontamination on non-ambulatory victims. The candidate must score a **minimum of 12 out of 17 steps**, including all **MUST PASS** items, to successfully complete this skill.

EQUIPMENT REQUIRED:

- Personal protective equipment
- Decontamination equipment
- Fire apparatus
- Fog nozzles
- Backboard/litter/stokes basket etc

CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:

No	The care Common o	FIRST	FIRST TEST		EST
No.	TASK STEPS		Fail	Pass	Fail
1.	Ensure proper decontamination method has been chosen to minimize hazards. MUST PASS				
2.	Ensure that all responders are wearing appropriate PPE for performing mass decontamination operations. MUST PASS				
3.	Establish mass decontamination corridor for non-ambulatory decontamination in a safe location and according to the AHJ's SOPs.				
4.	Ensure the decontamination corridor provides privacy for victims.				
5.	Establish an initial triage point to evaluate and direct victims.				
6.	Perform lifesaving intervention if necessary. MUST PASS				
7.	Transfer the victims to the non-ambulatory wash area of the decontamination station on an appropriate backboard/litter device.				
8.	Remove all clothing, jewelry, and personal belongings, and place in appropriate containers. Decontaminate as required and safeguard personal belongings and items. Use plastic bags with labels for identification.				
9.	Carefully undress non-ambulatory victims and avoid spreading the contamination when undressing. Do not touch the outside of the clothing to the skin.				
10.	Completely wash each victim's entire body using handheld hoses, sponges, and/or brushes and then rinse following AHJ's SOPs for safety.				
11.	Transfer the victims from the wash and rinse stations to a drying station after completing the decontamination process. Ensure that the victims are completely dry.				
12.	Monitor for additional contamination using appropriate detection device.				
13.	If contamination is detected, repeat the decontamination wash and/or change decontamination as appropriate. MUST PASS				
14.	Have on-scene medical personnel re-evaluate the victims' injuries.				
15.	Ensure personnel, tools, and equipment are decontaminated.				
16.	Terminate decontamination operations according to AHJ's policies				



17. Complete required repo	its and supporting documen	tation.	
irst Test:			
otal points needed to pass: 12	Total points scored:	All MUST PASS items passed: Yes	No
econd Test:			
otal points needed to pass: 12	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Commen	nts:		



10.

11.

12.

13.

14.

15.

16.

PASS

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.4.4.2 Perform technical decontamination on ambulatory people

JPR - HMT # 28

, • T•T• 2	2 Terrorm technical decontamination on ambulatory people			R	evised: Mar	rch 13, 2019
Candid	date:	Date:				
Studen	nt#:					
	DARD: 7.4.4.2 TASK: Perform technical decontamination 1072, 2017 Edition	nation on ambu	ılatory pe	ople.		
	DRMANCE OUTCOME: The candidate shall perform technical decontaminate minimum of 12 out of 16 steps, including all MUST PASS items, to successful.				ındidate m	ıust
•	PMENT REQUIRED: Personal protective equipment Technical decontamination equipment Water supply INDUST: Given a hearmet/WMD incident the condidate shall demonstrate the	- altiller, egg				
CONDIT	ITIONS: Given a hazmat/WMD incident the candidate shall demonstrate the	e ability to:				
Mo	They Carrie		FIRST	TEST	RET	EST
No.	TASK STEPS	Ī	Pass	Fail	Pass	Fail
1.	Ensure proper decontamination method has been chosen to minimize haz PASS	zards. MUST				
2.	Ensure that all responders are wearing appropriate PPE for performing to decontamination operations. MUST PASS	echnical				
3.	Establish technical decontamination corridor for ambulatory decontamin according to the AHJ's SOPs.	nation				
4.	Ensure the decontamination corridor provides privacy for victims.					
5.	Establish an initial triage point to evacuate and direct persons.					
6.	Perform lifesaving intervention if needed. MUST PASS					
7.	If not an emergency responder, instruct person to remove potentially conclothing and jewelry, ensuring he/she does not come in further contact w contaminants. Emergency responders may drop tools or equipment.					
8.	Instruct person to undergo gross decontamination.					
9.	Instruct the person to undergo secondary decontamination wash. If the person is an emergency responder, the responder will doff PPE, en does not come in further contact with contaminants.	nsuring he/she	ļ			

Instruct the person to enter the privacy station, remove undergarments, and shower

Monitor for additional contamination using the appropriate detection device. MUST

Terminate decontamination operations according to AHJ's policies and procedures.

Ensure personnel, tools, and equipment are decontaminated. MUST PASS

Provide a clean garment for the person to wear after showering.

Direct the person to the medical evaluation station.

Complete required reports and supporting documentation.

and wash thoroughly from the top down.



First Test:				
	Total points scored:	All MUST PASS items passed: Yes	No	
Second Test:				
Total points needed to pass: 12	Total points scored:	All MUST PASS items passed: Yes	No	
Proctor (Print & Sign)	Date	Candidate	Date	
Re-Test Proctor	Date	Re-Test Candidate	Date	
Proctor/Candidate Comme	nte•			
1 10ctor/Candidate Comme	ito.			



7.4.4.2 Perform technical decontamination on non-ambulatory victims

JPR – HMT # 29

Revised:	March	14, 2019
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Candidate:	Date:
Student#:	
STANDARD: 7.4.4.2 NFPA 1072, 2017 Edition	TASK: Perform technical decontamination on non-ambulatory victims.
	shall perform technical decontamination on non-ambulatory victims. The candidate s, including all MUST PASS items, to successfully complete this skill.
 Personal protective equipment Technical decontamination equipment Water supply Litter/stokes basket/backboard etc 	ent
CONDITIONS: Given a hazmat/WMD incide	ent, the candidate shall demonstrate the ability to:

N T -	Theory Company		FIRST TEST		RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail	
1.	Ensure proper decontamination method has been chosen to minimize hazards. MUST PASS					
2.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations. MUST PASS					
3.	Establish technical decontamination corridor for non-ambulatory decontamination according to the AHJ's SOPs.					
4.	Ensure the decontamination corridor provides privacy for the victims.					
5.	Establish an initial triage point to evaluate and direct victims.					
6.	Perform lifesaving intervention if needed. MUST PASS					
7.	Transfer the victim to the non-ambulatory wash area of the decontamination station on an appropriate backboard/litter device.					
8.	Remove all clothing, jewelry, and personal belongings, and place in appropriate containers. Decontaminate items as required, and safeguard. Use plastic bags with labels for identification.					
9.	Carefully undress non-ambulatory victims, and avoid spreading the contamination when undressing. Do not touch the outside of the clothing to the skin. MUST PASS					
10.	Completely wash the victim's entire body using handheld hoses, sponges, and/or brushes, and then rinse.					
11.	Transfer the victim from the wash and rinse stations to a drying station after completing the decontamination process. Ensure the victim is completely dry.					
12.	Monitor for additional contamination using the appropriate detection device. MUST PASS					
13.	If contamination is detected, repeat decontamination wash and/or change decontamination method as appropriate. MUST PASS					
14.	Ensure personnel, tools, and equipment are decontaminated.					
15.	Terminate decontamination operations according to AHJ's policies and procedures.					
16.	Complete required reports and supporting documentation.					



mat Toats			
rst Test: otal points needed to pass: 13	2 Total points scored:	All MUST PASS items passed: Yes	No
tur points needed to pass. 12	_	1 III Mest 1 Mss Remis passed. Tes	
econd Test:			
otal points needed to pass: 12	2 Total points scored: _	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comm	ents:		
Proctor/Candidate Comm	ents:		



'.3.3 Se	elect a decontamination	method appropriate to	o a hazmat/WMD incid	ent		PR – HN evised: Mar		
Candid Studen			Date	:				
STANDA NFPA 1 Perfoi	ARD: 7.3.3 1072, 2017 Edition RMANCE OUTCOME: The cand andidate must score a 100 % to	lidate shall select a decontar	11 1				t.	
•	MENT REQUIRED: Personal protective equipment Decontamination equipment Water supply FIONS: Given a hazmat/WMD i		demonstrate the ability to:					
No.		TASK STEPS		FIRST	TEST		RETEST	
1.	Identify decontamination met (operations and methods). Identify equipment required to	hod to minimize hazards for		Pass	Fail	Pass	Fail	
rst Test	methods). t: nts needed to pass: 2 Total p	points scored: All	MUST PASS items passed: Y	es	No			
c ond T tal poir	Yest: Ints needed to pass: 2 Total	points scored: Al	l MUST PASS items passed: Y	/es	No			
Proc	tor (Print & Sign)	Date	Candidate			Date	:	
R	e-Test Proctor	Date	Re-Test Candidate			Date	:	
Procto	or/Candidate Comments:							



7.4.3.1 Perform absorption/adsorption

JPR - HMT #31

Revised: March 14, 2019

Candidate:			Date	:	
Student#:					
STANDARD: NFPA 1072,	7.4.3.1 2017 Edition	Proctor Note: Whenever po consolidated hazardous ma items to be evaluated effect materials/emergency scena	ossible integrate the eval- terials/emergency scenarively in conjunction wit	rio. This will allow	
PERFORMANCE OUTCOME: The candidate shall Perform absorption/adsorption. The candidate must pass a minimum of 8 out of 11 steps, including all MUST PASS items, to successfully complete this skill.					
EQUIPMENT	REQUIRED:				
• Fire	efighting foam	• Full protective	clothing		
• Ads	sorbent	 Self-contained b 	reathing apparatus		
• Abs	sorbent	 Radios 	• 11		
• Haz	zardous liquid spill	• Pylons			
CONDITIONS	CONDITIONS : Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability				
to:		1 / 11 1	1 1 /		j
				Emer Trer	DETECT

No	TASK STEPS		FIRST TEST		EST
No.			Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing absorption/adsorption operations and that appropriate hand tools have been selected. MUST PASS				
3.	Select a location to efficiently and safely perform the absorption/adsorption operation.				
4.	Select the most appropriate sorbent/adsorbent.				
5.	Deploy the sorbent/adsorbent in a manner that most efficiently controls the spill.				
6.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.				
7.	Seal and label the container and document appropriate information for department records.				
8.	Decontaminate tools.				
9.	Advance to decontamination line for decontamination.				
10.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
11.	Complete required reports and supporting documentation.				



First Test:			
Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comm	ents:		



to:

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.4.3.1 Perform Damming

JPR - HMT #32

Revised: March 15, 2019

Candidate:	Dotos			
	Date:			
Student#:				
STANDARD: 7.4.3.1	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate			
NFPA 1072, 2017 Edition	how to control a hazardous material using damming.			
	Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.			
PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and control a hazardous material spill using damming. The candidate must pass a minimum of 7 out of 9 steps, including all MUST PASS items, to successfully complete this skill.				
EQUIPMENT REQUIRED:				
Personal protective equipment	Plastic sheeting			
Self-contained breathing apparatus	e e e e e e e e e e e e e e e e e e e			
• Shovels	• Radios			
• Rakes	• Pylons			
• Containers				
• dirt, sand or hay				
CONDUCTORIS Civen a hazardaya matarial a	will, and appropriate tools and aguinment, the condidate shall demonstrate the shility			

No.	TASK STEPS		FIRST TEST		RETEST	
NO.			Fail	Pass	Fail	
1.	Ensure proper product control technique is chosen. MUST PASS					
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing damming operations and that appropriate hand tools have been selected. MUST PASS					
3.	Select a location to efficiently and safely perform damming operation.					
4.	Construct the dam in a manner and location that most effectively controls the spill. MUST PASS					
5.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.					
6.	Seal and label the container and document appropriate information for department records.					
7.	Decontaminate tools.					
8.	Advance to decontamination line for decontamination.				•	
9.	Complete required reports and supporting documentation.					



First Test:			
Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Commo	ents:		



7.4.3.1 Perform Diking Operations

JPR - HMT #33

Revised: March 18, 2019

Candidate:	Date:		
Student#:			
STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using diking.		
	Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.		
PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and control a hazardous material spill using diking. The candidate must pass a minimum of 7 out of 10 steps, including all MUST PASS items, to successfully complete this skill.			
 EQUIPMENT REQUIRED: Personal protective equipment Self-contained breathing apparatus Shovels Rakes Containers dirt, sand or hay 	 Plastic sheeting Leaking container Radios Pylons 		

CONDITIONS: Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability to:

No	The over Company	FIRST TEST		RET	RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail	
1.	Ensure proper product control technique is chosen. MUST PASS					
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing diking operations and that appropriate hand tools have been selected. MUST PASS					
3.	Select a location to efficiently and safely perform the diking operation.					
4.	Construct the dike in a manner and location that most effectively controls the spill and directs the spill to a desired location. MUST PASS					
5.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.					
6.	Seal and label the container and document appropriate information for department records.					
7.	Decontaminate tools.					
8.	Advance to decontamination line for decontamination.					
9.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.					
10.	Complete required reports and supporting documentation.					



First Test: Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 7	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Commo	ents:		



7.4.3.1 Perform Diversion

JPR – HMT # 34 Revised: March 18, 2019

Candidate:	 Date:	

Student#:

STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using diversion.
	Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.

PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and control a hazardous material spill using diversion. The candidate must pass a minimum of **8 out of 11** steps, including all **MUST PASS** items, to successfully complete this skill.

EQUIPMENT REQUIRED:

- Personal protective equipment
- Self-contained breathing apparatus
- Shovels
- Rakes
- Containers
- dirt, sand or hay

- Plastic sheeting
- · Leaking container
- Radios
- Pylons

CONDITIONS: Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability to:

No.	The care Common	FIRST TEST		RET	ΓEST
	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing diversion operations and that appropriate hand tools have been selected. MUST PASS				
3.	Select a location to efficiently and safely perform the diversion operation.				
4.	Construct the diversion in a manner and location that most effectively controls the spill and directs the spill to a desired location. MUST PASS				
5.	Working as a team, use hand tools to break the soil, remove the soil, pile the soil, and pack the soil tightly.				
6.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.				
7.	Seal and label the container and document appropriate information for department records.				
8.	Decontaminate tools.				
9.	Advance to decontamination line for decontamination.				
10.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations				
11.	Complete required reports and supporting documentation.				



First Test: Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No	
Second Test: Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No	
Proctor (Print & Sign)	Date	Candidate	Date	e
Re-Test Proctor	Date	Re-Test Candidate	Date	<u>е</u>
Proctor/Candidate Commo	ents:			
			·	



Containers dirt, sand or hay

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

7.4.3.1 Perform retention **JPR - HMT #35**

	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using retention. Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.
Candidate:	Date:
Student#:	
STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition	## Plastic sheeting ## Plastic sheeting
	consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous
EQUIPMENT REQUIRED:	
 Personal protective equipment 	· · · · · · · · · · · · · · · · · · ·
 Self-contained breathing apparatus 	
 Shovels 	• Radios
 Rakes 	• Pylons

CONDITIONS: Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability

No	The care Company	FIRST	TEST	TEST RETES		
No.	TASK STEPS	Pass	Fail	Pass	Fail	
1.	Ensure proper product control technique is chosen. MUST PASS					
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing retention operations and that appropriate hand tools have been selected. MUST PASS					
3.	Select a location to efficiently and safely perform the retention operation.					
4.	Evaluate the rate of flow of the leak to determine the required capacity of the retention vessel.					
5.	Working as a team, retain the hazardous liquid so that it can no longer flow. MUST PASS					
6.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.					
7.	Seal and label the container and document appropriate information for department records.					
8.	Decontaminate tools.					
9.	Advance to decontamination line for decontamination.					
10.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.					
11.	Complete required reports and supporting documentation.					



First Test: Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Commo	ents:		



7.4.3.1 Perform dilution JPR – HMT # 36

Revised: March 18, 2019

Candidate: Student#:	Date:
STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using dilution. Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.
	te shall use the appropriate tools and equipment and control a hazardous material spill a minimum of 10 out of 13 steps, including all MUST PASS items, to successfully

EQUIPMENT REQUIRED:

- Personal protective equipment
- Self-contained breathing apparatus
- Shovels
- Rakes
- Containers
- dirt, sand or hay

- Plastic sheeting
- · Leaking container
- Radios
- Pylons

CONDITIONS: Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability to:

No	The care Company	FIRST	TEST	RET	EST
No.	TASK STEPS	Pass Fail		Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing dilution operations and that appropriate hand tools have been				
	selected. MUST PASS				
3.	Select a location to efficiently and safely perform the dilution operation.				
4.	Evaluate the rate of flow of the leak to determine the required capacity of the retention area and the quantity of water required to dilute the material.				
5.	Working as a team, monitor the leak, and advance hoselines and tools to retention area.				
6.	Flow water to dilute spilled material. MUST PASS				
7.	Monitor any diking or dams to ensure integrity of retention area.				
8.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.				
9.	Seal and label the container and document appropriate information for department records.				
10.	Decontaminate tools.				
11.	Advance to decontamination line for decontamination.				
12.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
13.	Complete required reports and supporting documentation.				



Final Tools			
First Test:	Total points scored:	All Must pass items passed: Yes	No
Total points needed to pass. To	Total points scored.	An wost rass tems passed. Tes	110
Second Test:			
Γotal points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comme	nts:		



7.4.3.1 Perform Vapour Suppression

JPR - HMT #37

	how to control a hazardous material using vapour suppression. Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.
Candidate: Student#:	Date:
STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition	how to control a hazardous material using vapour suppression. Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous
	idate shall use the appropriate tools and equipment and control a hazardous material spill ate must pass a minimum of 10 out of 14 steps, including all MUST PASS items, to
EQUIPMENT REQUIRED: • Firefighting foam • Foam equipment • Fire apparatus • Hazardous liquid spill	 Full protective clothing Self-contained breathing apparatus Radios Pylons
CONDITIONS : Given a hazardous mater to:	rial spill, and appropriate tools and equipment, the candidate shall demonstrate the ability

No	To a car Company	FIRST	TEST	RET	EST
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing vapour suppression operations. MUST PASS				
3.	Select a location to efficiently and safely perform the vapour suppression operation.				
4.	Evaluate the quantity and surface area of the hazardous material that has leaked.				
5.	Determine the appropriate type of foam for the type of hazardous material present.				
6.	Working as a team, deploy the foam educator and foam, and advance the hoseline and foam nozzle to a position from which to apply the foam.				
7.	Flow hoseline until finished foam is produced at the nozzle.				
8.	Apply finished foam in an even layer covering the entire hazardous material spill area. MUST PASS				
9.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.				
10.	Seal and label the container and document appropriate information for department records.				
11.	Decontaminate tools.				
12.	Advance to decontamination line for decontamination.				
13.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
14.	Complete required reports and supporting documentation.				



First Test: Total points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 10	Total points scored:	All Must PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comme	nts:		



7.4.3.1 Perform vapor dispersion

JPR - HMT # 38

Candi Studei		·						
STANDARD: 7.4.3.1 NFPA 1072, 2017 Edition		TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using vapour dispersion.						
		Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous materials/emergency scenario activities.						
using v		hall use the appropriate tools and equipment and copass a minimum of 8 out of 11 steps, including a				spill		
EQUIP • • •	MENT REQUIRED: Firefighting foam Foam equipment Fire apparatus Hazardous liquid spill	 Full protective clothing Self-contained breathing apparatus Radios Pylons 						
CONDI	TTIONS: Given a hazardous material spi	ll, and appropriate tools and equipment, the candid	date shall	demonst	rate the al	oility		
No.		TASK STEPS		TEST Fail	RET Pass	TEST Fa		
1.	Ensure proper product control techn	ique is chosen. MUST PASS	Pass	ran	1 455			
2.		n the control function are wearing appropriate						
3.		afely perform the vapour dispersion operation.						
4.	Working as a team, advance the hose cloud to disperse vapours.	eline to a position to apply agent through vapour						
5.	Constantly monitor the leak concent environmental impact, and water str	ration, wind direction, exposed personnel, eam effectiveness. MUST PASS						
6.	Upon mitigation of the incident, place an approved container for transporta	ce any contaminated material, such as clothing, in tion to a disposal location.						
7.	Seal and label the container and doc records.	ument appropriate information for department						
8.	Decontaminate tools.							
9.	Advance to decontamination line for							
10.	recommendations.	ment as per local SOPs and manufacturer's						
	Complete required reports and support	ation to a second attention		l				

Total points needed to pass: 8 Total points scored: _____ All MUST PASS items passed: Yes____ No____



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.1, 7.4.3.2 Perform remote valve shutoff or activate emergency valve shutoff device

JPR - HMT #39

Revised: March 19, 2019

Candidate:	Date:		
Student#:			
STANDARD: 7.4.3.1, 7.4.3.2 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate how to control a hazardous material using remote valve shutoff or activate emergency shutoff device.		
	Proctor Note: Whenever possible integrate the evaluation of this line item within a consolidated hazardous materials/emergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous		
	didate shall use the appropriate tools and equipment and control a hazardous material spill emergency shutoff device. The candidate must pass a minimum of 8 out of 11 steps, sessfully complete this skill.		
EQUIPMENT REQUIRED:			
 Personal protective equipment 	· ·		
 Self-contained breathing appa 	ratus • Radios		
 Shovels 	• Pylons		
 Rakes 	• Hoseline		
 dirt, sand or hay 	• Water supply		
 Remote valve/shutoff device 			

CONDITIONS: Given a hazardous material spill, and appropriate tools and equipment, the candidate shall demonstrate the ability to:

No.	The case Common o	FIRST TEST		RETEST	
	TASK STEPS		Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure that all responders involved in the control function are wearing appropriate PPE for performing remote valve shutoff operations. MUST PASS				
3.	Identify and locate the emergency remote control valve and/or emergency shutoff device.				
4.	Operate the remote control valve and/or emergency shutoff device properly. MUST PASS				
5.	Notify the Incident Commander of the completed objective.				
6.	Upon mitigation of the incident, place any contaminated material, such as clothing, in an approved container for transportation to a disposal location.				
7.	Seal and label the container and document appropriate information for department records.				
8.	Decontaminate tools.				
9.	Advance to decontamination line for decontamination.				
10.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
11.	Complete required reports and supporting documentation.				



First Test:			
Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Second Test:			
Total points needed to pass: 8	Total points scored:	All MUST PASS items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comm	ents:		



Second Test:

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

.2.4 f	redict the likely behaviour of knov	yn hazardous materials at an incid	ient		PR — HN evised: Mai	
Candi	date:	Dat	te:			
Stude						
	1072, 2017 Edition how to Procto	Using the appropriate tools and equipment of predict the likely behaviour of known hazer Note: Whenever possible integrate the evidated hazardous materials/emergency scen	ardous mate	erials at a this line i	n incident tem withii	n a
	items	to be evaluated effectively in conjunction was als/emergency scenario activities.			manipie	inic
_	and the same of th					
COND	MENT REQUIRED: Personal protective equipment Monitoring equipment Radios Reference materials TIONS: Given a hazardous material spill, and	l appropriate tools and equipment, the can	didate shall	demonstr	rate the at	oility
COND	Personal protective equipment Monitoring equipment Radios Reference materials	d appropriate tools and equipment, the cand				
COND	Personal protective equipment Monitoring equipment Radios Reference materials TIONS: Given a hazardous material spill, and	I appropriate tools and equipment, the cand	FIRST Pass	TEST	RET	
CONDI	Personal protective equipment Monitoring equipment Radios Reference materials TIONS: Given a hazardous material spill, and	STEPS	FIRST		RET	TEST
CONDI	Personal protective equipment Monitoring equipment Radios Reference materials TIONS: Given a hazardous material spill, and	STEPS erial's container and contents.	FIRST	TEST	RET	TEST
CONDITO: No.	Personal protective equipment Monitoring equipment Radios Reference materials TIONS: Given a hazardous material spill, and TASK Identify behaviour of each hazardous material dentify any reactivity issues and hazards	STEPS erial's container and contents. resulting from potential mixing of	FIRST	TEST	RET	TEST

Total points needed to pass: 4 Total points scored: _____ All MUST PASS items passed: Yes_____ No____



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
roctor/Candidate Comments:			



Re-Test Proctor

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

	redict the likely eff ndangered area	ect of a hazardous ma	terials incident within the		_	PR – HN evised: Ma	
Candid	late:		Dat	e:			
Studen	nt#:						
	ARD: 7.2.5 1072, 2017 Edition		the appropriate tools and equipmen ct the likely effect of a hazardous n ea.				rate the
			ate the ability to predict the likely e ore 100 % to successfully complete			materials	
•	MENT REQUIRED: PPE Monitoring equipment Reference materials Radios		riate tools and equipment, the cand	lidata chell	demonst	rata the al	nility
to:	TIONS: Given a nazardor	is material spill, and approp	rrate tools and equipment, the cand			rate the at	omity
No.		TASK STEPS		FIRST TEST Pass Fail		RETEST Pass Fail	
1.	Using approved refere within the endangered		redict concentrations of materials				
2.		th, and safety hazards withir	n the endangered area.				
3.	Identify areas of poten	tial harm in the endangered	area.				
4.	Identify potential outc	omes within the endangered	area.				
5.	Communicate potentia	l outcomes.					
cond T	nts needed to pass: 5	•	All MUST PASS items passed: All MUST PASS items passed:		No No		
Proc	etor (Print & Sign)	Date	Candidate			Date	e

Date

Re-Test Candidate

Date



Proctor/Candidate Comments:		



Re-Test Proctor

HAZARDOUS MATERIALS TECHNICIAN NFPA 1072, 2017 Edition

JPR – HMT # 42

Date

7.4.3.1 Select appropriate product control techniques to mitigate

a hazmat/WMD incident Revised: March 19, 2019 Candidate: Student#: **TASK:** Using the appropriate tools and equipment, the candidate shall demonstrate the **STANDARD:** 7.4.3.1 NFPA 1072, 2017 Edition ability to select appropriate product control techniques to mitigate a hazmat/WMD incident. **PERFORMANCE OUTCOME:** The candidate shall demonstrate the ability to select appropriate product control techniques to mitigate a hazmat/WMD incident. The candidate must score 100 % to successfully complete this skill. EQUIPMENT REQUIRED: PPE **SCBA** Product control equipment Reference equipment Monitors **CONDITIONS**: Given a hazmat/WMD incident the candidate shall demonstrate the ability to: RETEST FIRST TEST No. TASK STEPS Pass Fail Pass Fail 1. Select approved PPE. 2. Select approved product control technique. **First Test:** Total points needed to pass: 2 Total points scored: All MUST PASS items passed: Yes No **Second Test:** Total points needed to pass: 2 Total points scored: _____ All MUST PASS items passed: Yes_____ No____ Proctor (Print & Sign) Candidate Date **Date**

Re-Test Candidate

Date



Proctor/Candidate Comments:		



7.4.3.2 Plug a	leaking container
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JPR - HMT # 43 Revised: March 19, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.3.2 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate the ability to plug a leaking container.

PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and demonstrate the ability to plug a leaking container. The candidate must score a **minimum of 8 out of 11** steps, including all **MUST PASS** items, to successfully complete this skill.

EQUIPMENT REQUIRED:

- PPE
- SCBA
- Plugging equipment
- Leaking container
- Decontamination equipment
- Monitors
- Radios

CONDITIONS: Given an hazmat/WMD incident, the candidate shall demonstrate the ability to:

No	No. TASK STEPS		TEST	RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure all responders involved in the control function are wearing appropriate PPE for performing plugging operations and that appropriate hand tools have been selected. MUST PASS				
3.	Select a location to efficiently and safely perform the plugging operation.				
4.	Avoid direct contact with the hazardous material to the extent possible.				
5.	Determine the location of the leak.				
6.	Attempt to position container so that the location of leak is in the uppermost position.				
7.	Use the proper tools and equipment to control and plug the leak. MUST PASS				
8.	Decontaminate tools.				
9.	Advance to decontamination line for decontamination.				
10.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
11.	Complete required reports and supporting documentation.				

10	Inspect and maintain to recommendations.	ools and equipment as per lo	ocal SOPs and manufacturer's		
11	Complete required rep	orts and supporting docume	entation.		
Secono	oints needed to pass: 8 l Test:	•	All MUST PASS items passed: All MUST PASS items passed:		



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.2 Patch a leaking container	7	.4.3.2	Patch	a	leaking	container
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JPR – HMT # 44

Candid		:			
Studen	nt#:				
	TASK: Using the appropriate tools and equipment, ability to patch a leaking container.	the candi	idate shall	demonstr	rate th
leaking	PRMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and do container. The candidate must score a minimum of 8 out of 11 steps, including all MUS ete this skill.				
EQUIPN	MENT REQUIRED:				
•	PPE				
•	SCBA Plugging aguinment				
•	Plugging equipment Leaking container				
-	Douring Container				
•					
•	Decontamination equipment Monitors				
•	Decontamination equipment				
CONDI	Decontamination equipment Monitors				
• • CONDI	Decontamination equipment Monitors Radios	Fiber	ТЕСТ	RET	rest
CONDI	Decontamination equipment Monitors Radios	FIRST Pass	TEST Fail	RET Pass	TEST Fa
	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:				
No.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS				
No. 1.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been				
No. 1. 2.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS				
No. 1. 2.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation.				
No. 1. 2. 3. 4.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation. Avoid direct contact with the hazardous material to the extent possible.				
No. 1. 2. 3. 4. 5.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation. Avoid direct contact with the hazardous material to the extent possible. Determine the location of the leak.				
3. 4. 5. 6.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation. Avoid direct contact with the hazardous material to the extent possible. Determine the location of the leak. Attempt to position container so that the location of leak is in the uppermost position. Use the proper tools and equipment to control and patch the leak. MUST PASS Decontaminate tools.				
No. 1. 2. 3. 4. 5. 6. 7.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation. Avoid direct contact with the hazardous material to the extent possible. Determine the location of the leak. Attempt to position container so that the location of leak is in the uppermost position. Use the proper tools and equipment to control and patch the leak. MUST PASS Decontaminate tools. Advance to decontamination line for decontamination.				
3. 4. 5. 6. 7. 8.	Decontamination equipment Monitors Radios TIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to: TASK STEPS Ensure proper product control technique is chosen. MUST PASS Ensure all responders involved in the control function are wearing appropriate PPE for performing patching operations and that appropriate hand tools have been selected. MUST PASS Select a location to efficiently and safely perform the patching operation. Avoid direct contact with the hazardous material to the extent possible. Determine the location of the leak. Attempt to position container so that the location of leak is in the uppermost position. Use the proper tools and equipment to control and patch the leak. MUST PASS Decontaminate tools.				



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.2 Apply a sleeve, jacket, clamp, or wrap to a leak

JPR – HMT # 45

Revised:	Marc	h 19, 2019
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Candid	ate:	Date:	<u> </u>			
Student	t#:					
		TASK: Using the appropriate tools and equipment,		idate shall	demonstr	rate the
NFPA 1	1072, 2017 Edition	ability to apply a sleeve, jacket, clamp, or wrap to a	leak.			
Denes	Distance Ormania Time I'll and	1.11 d		. 4 41 1. 11	<u> </u>	1 .
		hall use the appropriate tools and equipment and deandidate must score a minimum of 8 out of 11 step				
	essfully complete this skill.	,	1 /	υ		,
QUIPM	MENT REQUIRED:					
•	PPE					
•	SCBA					
•	Sleeve, jacket, clamp, or wrap					
•	Leaking container Decontamination equipment					
•	Monitors					
•	Radios					
						
CONDI	FIONS: Given a hazmat/WMD incident	t, the candidate shall demonstrate the ability to:				
CONDIT	FIONS: Given a hazmat/WMD incident	t, the candidate shall demonstrate the ability to:				
		·	First	тТеѕт	Ret	TEST
		t, the candidate shall demonstrate the ability to: TASK STEPS	FIRST Pass	TEST Fail	RET Pass	
		TASK STEPS				
No.	Ensure proper product control technic Ensure all responders involved in the	TASK STEPS ique is chosen. MUST PASS e control function are wearing appropriate PPE				
No. 1.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp,	TASK STEPS ique is chosen. MUST PASS				
No. 1. 2.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS	TASK STEPS ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools				Fail
No. 1.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS	TASK STEPS ique is chosen. MUST PASS e control function are wearing appropriate PPE				
No. 1. 2. 3. 4.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard.	TASK STEPS ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a				
No. 1. 2. 3. 4. 5.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard. Determine the location of the leak.	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible.				
No. 1. 2. 3. 4. 5. 6.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard Determine the location of the leak. Attempt to position container so that	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible. the location of leak is in the uppermost position.				
No. 1. 2. 3. 4. 5. 6. 7.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard Determine the location of the leak. Attempt to position container so that	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible.				
No. 1. 2. 3. 4. 5. 6. 7. 8.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard. Determine the location of the leak. Attempt to position container so that Apply the sleeve, jacket, clamp or ot Decontaminate tools.	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible. the location of leak is in the uppermost position. her wrap to control the leak. MUST PASS				
No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard Determine the location of the leak. Attempt to position container so that Apply the sleeve, jacket, clamp or ot Decontaminate tools. Advance to decontamination line for	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible. the location of leak is in the uppermost position. ther wrap to control the leak. MUST PASS redecontamination.				
No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Ensure proper product control technic Ensure all responders involved in the for applying a sleeve, jacket, clamp, have been selected. MUST PASS Select a location to efficiently and saleak. Avoid direct contact with the hazard Determine the location of the leak. Attempt to position container so that Apply the sleeve, jacket, clamp or ot Decontaminate tools. Advance to decontamination line for	ique is chosen. MUST PASS e control function are wearing appropriate PPE or wrap to a leak and that appropriate hand tools afely apply a sleeve, jacket, clamp, or wrap to a ous material to the extent possible. the location of leak is in the uppermost position. her wrap to control the leak. MUST PASS				



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.4 Conduct liquid transfer operations involving a leaking non-pressure container

JPR - HMT #46

Revised:	March	19,	2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.3.4 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate the ability to conduct liquid transfer operations involving a leaking non-pressure container.

PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and demonstrate the ability to conduct liquid transfer operations involving a leaking non-pressure container. The candidate must pass a **minimum of 11 out of 15** steps, including all **MUST PASS** items, to successfully complete this skill.

EQUIPMENT REQUIRED:

- PPE
- SCBA
- Transfer equipment
- Leaking container
- Transfer container
- Bonding/grounding equipment
- Monitors
- Radios
- Decontamination equipment

CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:

N T -	T	FIRST	TEST	RET	TEST
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper product control technique is chosen. MUST PASS				
2.	Ensure all responders involved in the control function are wearing appropriate PPE for performing liquid transfer operations and that appropriate hand tools have been selected. MUST PASS				
3.	Select a location to efficiently and safely perform the liquid transfer operation.				
4.	Protect exposure and personnel.				
5.	Follow safety procedures.				
6.	Minimize/avoid hazards.				
7.	Complete hazard monitoring requirements.				
8.	Ensure recovery container is compatible with liquid product. MUST PASS				
9.	Recognize the need to suppress vapours				
10.	Bond and ground containers.				
11.	Use approved liquid transfer method to transfer product to recovery container. MUST PASS				
12.	Decontaminate tools.				
13.	Advance to decontamination line for decontamination.				
14.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.				
15.	Complete required reports and supporting documentation.				



First Test: Total points needed to pass: 11	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 11	Total points scored:	All must pass items passed: Yes	No
Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comme	nts:		



7.4.3.4 Bond and ground a container

JPR - HMT #47

	late:	Date	e:			
Studen	t#:					
		ASK: Using the appropriate tools and equipment, bility to bond and ground a container.	, the candi	date shall	demonstr	ate th
ground		all use the appropriate tools and equipment and a minimum of 9 out of 12 steps, including all MU				
•	MENT REQUIRED: PPE SCBA Leaking container Bonding/grounding equipment Monitors Radios Decontamination equipment TIONS: Given a hazmat/WMD incident,	the candidate shall demonstrate the ability to:				
			FIRST	TEST	RET	EST
	1	A CIZ STEDS			_	
NO.	•	TASK STEPS	Pass	Fail	Pass	Fai
1.	Ensure proper product control technic		Pass	Fail	Pass	Fai
	Ensure proper product control technic Ensure all responders involved in the		Pass	Fail	Pass	Fai
1.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf	que is chosen. MUST PASS control function are wearing appropriate PPE	Pass	Fail	Pass	Fai
1. 2.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation.	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools	Pass	Fail	Pass	Fa
1. 2. 3.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Fely perform the bonding and grounding	Pass	Fail	Pass	Fa
1. 2. 3. 4.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field.	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Fely perform the bonding and grounding	Pass	Fail	Pass	Fa
1. 2. 3. 4. 5.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance between Bond the containers. MUST PASS	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth.	Pass	Fail	Pass	Fa
1. 2. 3. 4. 5. 6.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance between	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Fely perform the bonding and grounding en grounding rod and earth. en bonding clamp and container.	Pass	Fail	Pass	Fa
1. 2. 3. 4. 5. 6. 7.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools fely perform the bonding and grounding en grounding rod and earth. en bonding clamp and container.	Pass	Fail	Pass	Fa
1. 2. 3. 4. 5. 6. 7. 8. 9.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination.	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth. En bonding clamp and container. advance to decontamination line for	Pass	Fail	Pass	Fai
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination. Notify the Incident Commander of the	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Gely perform the bonding and grounding en grounding rod and earth. en bonding clamp and container. advance to decontamination line for e completed objective.	Pass	Fail	Pass	Fai
1. 2. 3. 4. 5. 6. 7. 8. 9.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination. Notify the Incident Commander of the Inspect and maintain tools and equipr	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth. En bonding clamp and container. advance to decontamination line for	Pass	Fail	Pass	Fai
1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance between Bond the containers. MUST PASS If applicable, check resistance between Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination. Notify the Incident Commander of the Inspect and maintain tools and equipartecommendations.	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth. En bonding clamp and container. advance to decontamination line for e completed objective. nent as per local SOPs and manufacturer's	Pass	Fail	Pass	Fai
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination. Notify the Incident Commander of the Inspect and maintain tools and equipr	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth. En bonding clamp and container. advance to decontamination line for e completed objective. nent as per local SOPs and manufacturer's	Pass	Fail	Pass	Fai
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	Ensure proper product control technic Ensure all responders involved in the for performing bonding and groundin have been selected. MUST PASS Select a location to efficiently and saf operation. Establish ground field. If applicable, check resistance betwee Bond the containers. MUST PASS If applicable, check resistance betwee Ground the containers. MUST PASS If necessary, decontaminate tools and decontamination. Notify the Incident Commander of the Inspect and maintain tools and equipr recommendations. Complete required reports and support	que is chosen. MUST PASS control function are wearing appropriate PPE g operations and that appropriate hand tools Tely perform the bonding and grounding en grounding rod and earth. En bonding clamp and container. advance to decontamination line for e completed objective. nent as per local SOPs and manufacturer's			Pass	Fa



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.2 Tighten or close leaking valves, closures, packing glands, and/or fittings

JPR - HMT #48

NCE OUTCOME: The candidate shared valves, closures, packing glands, as sitems, to successfully complete to REQUIRED: E BA aking container live handle/wrench sonitors dios contamination equipment S: Given a hazmat/WMD incident, Takener proper product control techniques are all responders involved in the contamination in the contamination of	the candidate shall demonstrate the ability to ASK STEPS ue is chosen. MUST PASS	res, packing g and demonstri inimum of 8	glands, and	or fitting	nten or luding
NCE OUTCOME: The candidate shared valves, closures, packing glands, as sitems, to successfully complete to REQUIRED: E BA Taking container live handle/wrench sonitors contamination equipment S: Given a hazmat/WMD incident, Taking proper product control techniques are all responders involved in the contamination in the c	all use the appropriate tools and equipment a and/or fittings. The candidate must pass a mathis skill. the candidate shall demonstrate the ability to ASK STEPS ue is chosen. MUST PASS	res, packing g and demonstration of 8	ate the abil out of 11	or fitting ity to tigh steps, incl	nten or
g valves, closures, packing glands, a SS items, to successfully complete to REQUIRED: E BA aking container live handle/wrench onitors dios contamination equipment S: Given a hazmat/WMD incident, T sure proper product control techniques ure all responders involved in the or	and/or fittings. The candidate must pass a mithis skill. the candidate shall demonstrate the ability to ask STEPS ue is chosen. MUST PASS	o: FIRS	r Test	steps, incl	TEST
BA aking container live handle/wrench onitors dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques ure all responders involved in the o	ASK STEPS ue is chosen. MUST PASS	Firs			
BA aking container live handle/wrench onitors dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques ure all responders involved in the or	ASK STEPS ue is chosen. MUST PASS	Firs			
aking container live handle/wrench onitors dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques ure all responders involved in the o	ASK STEPS ue is chosen. MUST PASS	Firs			
Ive handle/wrench solitors dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques sure all responders involved in the organization.	ASK STEPS ue is chosen. MUST PASS	Firs			
onitors dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques to gure all responders involved in the original control techniques.	ASK STEPS ue is chosen. MUST PASS	Firs			
dios contamination equipment S: Given a hazmat/WMD incident, Taken a proper product control techniques The sure proper product control techniques The sure all responders involved in the control techniques	ASK STEPS ue is chosen. MUST PASS	Firs			
s: Given a hazmat/WMD incident, Taken a proper product control techniques all responders involved in the control techniques.	ASK STEPS ue is chosen. MUST PASS	Firs			
S: Given a hazmat/WMD incident, T. Sure proper product control techniques all responders involved in the control techniques.	ASK STEPS ue is chosen. MUST PASS	Firs			
To sure proper product control techniques all responders involved in the control techniques.	ASK STEPS ue is chosen. MUST PASS	Firs			
sure proper product control techniques all responders involved in the control techniques.	ue is chosen. MUST PASS				
sure proper product control techniques all responders involved in the control techniques.	ue is chosen. MUST PASS	Pass	Fail	Pass	Fai
sure all responders involved in the					
		Е			
	f leaking valves, closures, packing glands,				
	nd tools have been selected. MUST PASS				
-	ely perform tightening or closing operations	•			
	1				
1 1	11 1				
		g			
	res, packing giands, and/or fittings as				
contaminate tools					
	lecontamination.				
pect and maintain tools and equipmendations.	nent as per local SOPs and manufacturer's				
	ting documentation.				
11			1		
er he tl v thr co va pe	mpt to position container so that vec container is disconnected from a y open and close the valve stem to alve handle or a wrench. MUST then or close leaking valves, closure opriate. MUST PASS entaminate tools unce to decontamination line for decent and maintain tools and equipmendations.	y open and close the valve stem to dislodge foreign matter from the seat using alve handle or a wrench. MUST PASS ten or close leaking valves, closures, packing glands, and/or fittings as opriate. MUST PASS entaminate tools tent to decontamination line for decontamination. The section of the seat using the section of t	mpt to position container so that valve is in the uppermost position. e container is disconnected from a process and can be reconnected, reconnect and y open and close the valve stem to dislodge foreign matter from the seat using alve handle or a wrench. MUST PASS ten or close leaking valves, closures, packing glands, and/or fittings as opriate. MUST PASS entaminate tools unce to decontamination line for decontamination. ect and maintain tools and equipment as per local SOPs and manufacturer's mendations.	mpt to position container so that valve is in the uppermost position. e container is disconnected from a process and can be reconnected, reconnect and y open and close the valve stem to dislodge foreign matter from the seat using alve handle or a wrench. MUST PASS ten or close leaking valves, closures, packing glands, and/or fittings as opriate. MUST PASS entaminate tools unce to decontamination line for decontamination. ect and maintain tools and equipment as per local SOPs and manufacturer's mendations.	mpt to position container so that valve is in the uppermost position. e container is disconnected from a process and can be reconnected, reconnect and y open and close the valve stem to dislodge foreign matter from the seat using alve handle or a wrench. MUST PASS ten or close leaking valves, closures, packing glands, and/or fittings as opriate. MUST PASS entaminate tools unce to decontamination line for decontamination. ect and maintain tools and equipment as per local SOPs and manufacturer's mendations.

Total points needed to pass: 8 Total points scored: _____ All MUST PASS items passed: Yes____ No____



Proctor (Print & Sign)	Date	Candidate	Date
5 7 . 5		D. W. (G. 11)	
Re-Test Proctor	Date	Re-Test Candidate	Date
D 1 (G N) 1 G			
Proctor/Candidate Comments:			



7.4.3.2	Cap a leak					
Candid	late:	Date:	:			
Candidate: Date: Student#: Candidate: Date:						
	E		the candi	date shall	demonstr	rate the
Condi	SCBA Leaking container Valve handle/wrench Capping kit Monitors Radios Decontamination equipment	te shall demonstrate the ability to:				
			FIRST	TEST	RET	TEST
No.	TASK STEPS					
1.	Ensure proper product control technique is chosen	. MUST PASS				
2.	for capping operations and that appropriate hand t	0 11 1				
3.	Select a location to efficiently and safely perform	capping operations.				
	Remove obstructions from container if possible.					
5.		• • •				
6.	gently open and close the valve stem to dislodge for					
7.	Tighten or close leaking valves, closures, packing appropriate. MUST PASS	glands, and/or fittings as				
8.	If leak persists, apply capping kit as per manufactor	urer's instructions. MUST PASS				
9.	Decontaminate tools					
10.	Advance to decontamination line for decontamina					
11.	Inspect and maintain tools and equipment as per lo recommendations.					
12.	Complete required reports and supporting docume	ntation.				

First	Test:	
T-4-1	mainta	

Total points n	leeded to pass: 9	Total points scored:	All MUST PASS Items D	assed: res - No
1	1	1		

Second Test:

Total points needed to pass: 9 Total points scored: _____ All MUST PASS items passed: Yes_____ No____



Proctor (Print & Sign)	Date	Candidate	Date
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



7.4.3.3 Overpack a nonbulk container and/or radioactive materials package

JPR – HMT # 50 Revised: March 20, 2019

Candidate:	Date:
Student#:	
STANDARD: 7.4.3.3 NFPA 1072, 2017 Edition	TASK: Using the appropriate tools and equipment, the candidate shall demonstrate the ability to overpack a nonbulk container and/or radioactive materials package.

PERFORMANCE OUTCOME: The candidate shall use the appropriate tools and equipment and demonstrate the ability to overpack a nonbulk container and/or radioactive materials package. The candidate must pass a **minimum of 11 out of 15** steps including all MUST PASS items on the Slide-in Method, or **12 out 16** steps on the Rolling Slide-in Method including all MUST PASS items, or **10 out of 14** steps on the Slip-Over Method including all MUST PASS items, to successfully complete this skill (**Student's choice of method**).

EQUIPMENT REQUIRED:

- PPE
- SCBA
- Leaking container
- Over pack container
- Wedge
- · Board or pipe
- Marking materials
- Monitors
- Radios
- Decontamination equipment

CONDITIONS: Given a hazmat/WMD incident, the candidate shall demonstrate the ability to:

No.	The area Common a		FIRST TEST		RETEST	
	TASK STEPS	Pass	Fail	Pass	Fail	
	Slide-In Method					
1.	Ensure proper product control technique is chosen. MUST PASS					
2.	Ensure all responders involved in the control function are wearing appropriate PPE for performing overpacking operations and that appropriate hand tools have been selected. MUST PASS					
3.	Select a location to efficiently and safely perform the overpacking operations.					
4.	Avoid direct contact with the hazardous material to the extent possible, including residue on the patched container or package.					
5.	Place the damaged container or package in appropriate position using safe lifting techniques.					
6.	Using a wedge, place the container or package onto a board or piece of pipe using safe lifting techniques.					
7.	With the damaged container or package resting on the board or pipe, position the overpack container so it's open top slides under the damaged container or package by several inches. MUST PASS					
8.	As overpack container is held in place, team member(s) grasp the top of the damaged container or package and rolls/slides it on to the pipe into the overpack container. MUST PASS					
9.	Lift the overpack container into an upright position using safe lifting techniques and					



	attach the overpack container lid.		
10.	Close the overpack container per manufacturer's instructions.		
11.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
12.	Decontaminate tools.		
13.	Advance to decontamination line for decontamination.		
14.	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.		
15.	Complete required reports and supporting documentation.		
	Rolling Slide-In Method		
1	Ensure proper product control technique is chosen. MUST PASS		
2.	Ensure all responders involved in the control function are wearing appropriate PPE		
	for performing overpacking operations and that appropriate hand tools have been selected. MUST PASS		
3.	Select a location to efficiently and safely perform the overpacking operations.		
4.	Avoid direct contact with the hazardous material to the extent possible, including residue on the patched container or package.		
5.	Place the damaged container or package in appropriate position using safe lifting techniques.		
6.	With the damaged container or package on its side, position the overpack container at		
	approximately 30 degrees to the base of the damaged container or package.		
7.	Ensure that the area in front of the container or package is clear of obstructions. Roll both containers or packages and overpack container so that the damaged		
8.	container or package is inserted into the overpack container. MUST PASS		
9.	Repeat steps 5-8 to get majority of container or package into the overpack container. MUST PASS		
10.	Lift the overpack container into an upright position using safe lifting techniques and attach the overpack container lid.		
11.	Close the overpack container as per manufacturer's instructions.		
12.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
13.	Decontaminate tools		
14.	Advance to decontamination line for decontamination.		
	Inspect and maintain tools and equipment as per local SOPs and manufacturer's recommendations.		
16.	Complete required reports and supporting documentation.		
	Slip Over Method		
1.	Ensure proper product control technique is chosen. MUST PASS		
2.	Ensure all responders involved in the control function are wearing appropriate PPE		
	for performing overpacking operations and that appropriate hand tools have been selected. MUST PASS		
3.	Select a location to efficiently and safely perform the overpacking operations.		
4.	Avoid direct contact with the hazardous material to the extent possible, including residue on the patched container or package.		
5.	Stand the damaged container or package using safe lifting techniques.		
6.	Turn overpack container upside down and place over the damaged container or package.		
7.	With the damaged container or package inside the overpack container, carefully lay the overpack container on its side.		
8.	Lift the overpack container into an upright position using safe lifting techniques and attach the overpack container lid.		



9.	Close the overpack container as per manufacturer's instructions.		
10.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
11.	Decontaminate tools.		
12.	Advance to decontamination line for decontamination.		
13.	Inspect and maintain tools and equipment as per local SOPS and manufacturer's recommendations.		
14.	Complete required reports and supporting documentation.		

Slide-In Method

Proctor/Candidate Comme	nts:		
Re-Test Proctor	Date	Re-Test Candidate	Date
Proctor (Print & Sign)	Date	Candidate	Date
econd Test: Otal points needed to pass: 10	Total points scored:	All MUST PASS items passed: Yes	No
-	Total points scored:	All MUST PASS items passed: Yes	No
lip-Over Method			
econd Test: otal points needed to pass: 12	Total points scored:	All MUST PASS items passed: Yes	No
First Test: Otal points needed to pass: 12	Total points scored:	All MUST PASS items passed: Yes	No
Rolling Slide-In Method			
econd Test: Otal points needed to pass: 11	Total points scored:	All MUST PASS items passed: Yes	No
otal points needed to pass: 11	Total points scored:	All MUST PASS items passed: Yes	No



7.1.7, 7.6.1 Participate in a post-incident critique

JPR – HMT # 51

Revised: March 20, 2019

Candio	date:	Date	e:				
Studen	nt#:						
	ARD: 7.1.7, 7.6.1 1072, 2017 Edition	TASK: Partici	ipate in a post-incident critique.				
		The candidate shall participat UST PASS items, to successfu	te in a post-incident critique. The car illy complete this skill.	ndidate mu	ist pass a	minimun	of 3
EQUIP	MENT REQUIRED:						
•	Documentation forms	(reports/records)					
•	Pens						
CONDI	TIONS: Given a hazmat	WMD incident, the candida	te shall demonstrate the ability to:				
				FIRST	TEST	RET	EST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Provide assistance in	scheduled incident debriefin	gs and critiques.				
2.	Communicate operati	onal observations at debriefi	ings and critiques.				
3.	Report and document	incident operations.					
4.	Complete, forward, as	nd file required reports, reco	rds, and supporting documents.				
cond T	nts needed to pass: 3	-	All MUST PASS items passed:				
otal poi	nts needed to pass: 3	Total points scored:	All MUST PASS items passed:	Yes	No		
Proc	ctor (Print & Sign)	Date	Candidate			Date	2
F	Re-Test Proctor	Date	Re-Test Candidate	e		Date	.
Procto	or/Candidate Comm	ents:					