

	Analyze the Incide 2 Detection, Monit	ent coring and Sampling			PR- HM	
erfo	rm Maintenance a	and Testing on Monitoring and Detection Equipment		Created	: March 12	2, 2024
Cand	lidate:	Date:				
Stude	ent#:					
NFPA	DARD: 1 1 . 2 . 2 A 470,	TASK: Perform maintenance and testing on monitoring and detec	1 1			
2022 Edition Proctor Note : Whenever possible integrate the evaluation of this line item within a conso hazardous materials/emergency scenario. This will allow multiple line items to be evaluate effectively in conjunction with other hazardous materials/emergency scenario activities.					valuated	ted
		The candidate will perform maintenance and testing on monitoring d. The candidate must score 3 of 3 of steps , to successfully complete			ment, test	
EQUI	PMENT REQUIRED:Personal protectiveReport and document	ve equipmentAHJ SOPsMaintenance equipment such as calil	pration gas	es or othe	r necessar	
	Monitoring equip	• Manufacturer's operator's manuals				y nem
Cone	Monitoring equip	tenance logs/forms • Manufacturer's operator's manuals):			
Cone No.	Monitoring equip	• Manufacturer's operator's manuals			RET Pass	TEST
	Monitoring equip DITIONS: Given a hazar	• Manufacturer's operator's manuals oment, test strips and reagents dous materials incident, the candidate shall demonstrate the ability to): FIRST	TEST	RET	
No.	Monitoring equip DITIONS: Given a hazar Identify the device or	 Manufacturer's operator's manuals Manufacturer's operator's manuals dous materials incident, the candidate shall demonstrate the ability to TASK STEPS): FIRST	TEST	RET	TEST

Total points needed to pass: 3 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:			



1.2.2		onitoring and Sampling, Action Plan Deve and Gaseous Hazardous Materials	lopment		PR- HM : March 12	
Cand	idate:	Date:	:			
Stude	ent#:					
11.2 NFPA	Proctor I A 470, Edition	ollect samples of solid, liquid and gaseous hazardous m Note: Whenever possible integrate the evaluation of th s materials/emergency scenario. This will allow multip y in conjunction with other hazardous materials/emerg	is line iter de line iter	ns to be e	valuated	ıted
The ca		te will collect samples of solid, liquid and gaseous haze at of 8 of steps for each section, including any items n				
Equi	 PMENT REQUIRED: Personal protective equipment Carbon monoxide meter Colorimetric Tubes LEL Meter Reagents 	 AHJ SOPs Materials to be sampled (solid, liquid, gaseous) Oxygen meter Passive dosimeters Report and documentation forms 	PhotoioPipettes	nization d , vials, jan on detection		
Cond	DITIONS: Given a hazardous material	s incident, the candidate shall demonstrate the ability to	o:			
No.		TASK STEPS	FIRST Pass	TEST Fail	RET Pass	FEST Fa
		Solid				
1.	Ensure appropriate detection, moni MUST PASS	toring or sampling method and equipment is selected.				
2.	Ensure that all responders are weari sampled. MUST PASS	ng the required PPE based on the material being				
3.	Collect sample of a solid material.	MUST PASS				
4.	Test the substance using the instrur	nent(s) provided by the AHJ. MUST PASS				
5.	Read, interpret and report the result					
6.	Dispose of sample in accordance w					
7.	Decontaminate equipment and retu Recommendations.	rn to operational state as per the manufacturer's				
8.	Complete required reports and supp	porting documentation. Liquid				
1	E	·				
1.	MUST PASS	toring or sampling method and equipment is selected.				
2.	-	ing appropriate PPE. MUST PASS				
3.	Collect sample of a liquid material.					
4.		nent(s) provided by the AHJ. MUST PASS				
5.	Read, interpret and report the result					
6.	Dispose of sample in accordance w	ith appropriate regulations.	1			



7.	Decontaminate equipment and return to operational state as per the manufacturer's		
	Recommendations.		
8.	Complete required reports and supporting documentation.		
	GAS		
1.	Ensure appropriate detection, monitoring or sampling method and equipment is selected. MUST PASS		
2.	Ensure that all responders are wearing appropriate PPE. MUST PASS		
3.	Collect sample of a gaseous material. MUST PASS		
4.	Test the substance using the instrument(s) provided by the AHJ. MUST PASS		
5.	Read, interpret and report the results of the test. MUST PASS		
6.	Dispose of sample in accordance with appropriate regulations.		
7.	Decontaminate equipment and return to operational state as per the manufacturer's recommendations.		
8.	Complete required reports and supporting documentation.		

<u>Solid</u> First Test

Liquid First Test: Total points needed to pass: 6	Total points scored:	All MUST PASS items passed: Yes	No
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator (Print & Sign)	Date	Candidate	Date
Second Test: Total points needed to pass: 6	Total points scored:	All must pass items passed: Yes	No
I otal points needed to pass: 6	Total points scored:	All MUST PASS items passed: Yes	No



Gas First Test: Total points needed to pass: 6	Total points scored:	All MUST PASS items passed: Yes	No		
Second Test: Total points needed to pass: 6	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:					



11.2 Analyze the Incident 11.2.2 Detection, Monitoring and Sampling				J	PR- HM	IT #3
				Created	: March 12	2, 2024
Collee	et Samples of a H	azardous Material for Public Safety and/or Evidence				
Cand	idate:	Date:				
Stude	ent#:					
STANDARD: 1 1 . 2 . 2 NFPA 470,		TASK: Collect samples of a hazardous material for public safety a	and/or evi	dence.		
	Edition	Proctor Note : Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multiple effectively in conjunction with other hazardous materials/emerged	le line iter	ns to be e	valuated	ted
the field	eld. The candidate mus	: The candidate will collect samples of a hazardous material for publist score a minimum 3 out of 5 steps for Public Safety Sampling , increa minimum 7 out of 10 steps for Evidence Preservation , includir lete this skill.	cluding any	y items m	arked	
EQUI	 PMENT REQUIRED: Personal protect Evidence collect Public safety satisfies 	ive equipment• AHJ SOPs• Reporttion plan• Chain of custody documentation materials• Sampnpling plan• Material(s) to be sampled or collected	ort and doo pling kits t			d gases
CONE	DITIONS: Given a haza	rdous materials incident, the candidate shall demonstrate the ability to	:		1	
No.		TASK STEPS	FIRST	TEST	RET	
				Fail	Pass	Fail
		Public Safety Sampling				
1.	Utilize appropriate p	ublic safety sampling plan according to AHJ and LRN.				
2.	Determine PPE requi	red for public safety sampling. MUST PASS				
3.	Ensure any materials and kept sealed until	and equipment used for collection are certified "clean" or "sterile" used. MUST PASS				
4.	Collect public safety	samples. MUST PASS				
5.	Complete required re	ports and supporting documentation.				
		Evidence Preservation				
1.	Utilize appropriate pr	ublic safety sampling plan according to AHJ and LRN.				
2.	Ensure control contai	iner for sample is collected prior to evidence collection. MUST PASS	5			
3.	Determine PPE requi	red for evidence collection and preservation. MUST PASS				
4.		and equipment used for evidence collection are certified "clean" or led until used. MUST PASS				
5.	Collect evidence. MI	JST PASS				
6.	Document all preserv	vation actions.				
7.	Appropriately packag	ge evidence. MUST PASS				
8.	Document chain-of-c					
9.	Take evidence to dec					
10.	Complete required re	ports and any supporting documentation.	1			



Public Safety Sampling						
First Test: Total points needed to pass: 3	Total points scored:	All MUST PASS items passed: Yes	No			
Total points needed to pass. 5	Total points scored		110			
Second Test:						
Total points needed to pass: 3	Total points scored: _	All MUST PASS items passed: Yes	No			
Evaluator (Print & Sign)	Date	Candidate	Date			
Re-Test Evaluator	Date	Re-Test Candidate	Date			
Evidence Preservation First Test: Total points needed to pass: 7	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			
Proctor/Candidate Comments:						



	Analyze the Inciden 2 Detection, Monito			J	PR- HM	(T #4
Demo	onstrate Use of a Mu	ulti-Sensor Instrument		Created	: March 12	2, 2024
	lidate:		•			
Stud	ent#:					
NFPA	DARD: 1 1 . 2 . 2 A 470, Edition	TASK: Demonstrate the use of a multi-sensor instrument. Proctor Note: Whenever possible integrate the evaluation of the sensor instrument.				ited
		hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emergency	L			
		The candidate will demonstrate the ability to use of a multi-gas me ncluding any steps marked MUST PASS to successfully complete		ield. The o	candidate	
	 PMENT REQUIRED: Personal protective Report and docume AHJ SOPs Calibration and/or 	entation formsProduct to be testedManufacturer's operator's manual				
			FIRST TEST RETEST			
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure proper detectior MUST PASS	n, monitoring or sampling method and equipment is chosen.				
2.	Ensure that all responde sampled. MUST PASS	ers are wearing the required PPE based on the material being				
3.		dentify the gases it will detect. MUST PASS				
4.		on to ensure meter is serviceable.				
5.	Perform a function chec MUST PASS	k (bump test) to ensure the meter is functioning properly.				
6.	Perform a "fresh air" ca	libration if the environment is suitable.				
7.	Monitor the area as requ					
8.	Read, interpret and report concentration) MUST I	ort the results . (Flammable/toxic gases, LEL and oxygen PASS				
9.	When monitoring is con	nplete, turn off the instrument.				
10.	Decontaminate equipmore recommendations.	ent and return to operational state, as per the manufacturer's				
11.	Complete required repo	rts 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		
Evaluator (Print & Sign)	Date	Candidate	Date		
Re-Test Evaluator	Date	Re-Test Candidate	Date		
Proctor/Candidate Comments:					



	Analyze the Incide Dotection Monit	ent toring and Sampling		J	PR- HM	IT #5
	,			Created	: March 12	2, 2024
	onstrate Use of Co					
Cand	lidate:	Date	:			
Stude	ent#:					
		TASK: Demonstrate the use of colorimetric tubes.				
NFPA 2022	A 470, Edition	Proctor Note : Whenever possible integrate the evaluation of th hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emerge	ole line iten	ns to be e	valuated	ted
		The candidate will demonstrate the ability to use colorimetric tubes, including any steps marked MUST PASS to successfully comple			ndidate	
_		 Product to be tested Manufacturer's operator's manual icator kit (pump, tubes,etc) 				
CONI	DITIONS: Given a hazar	dous materials incident, the candidate shall demonstrate the ability to	1	Ther	RET	TECT
No.		TASK STEPS	FIRST Pass	Fail	Pass	Fail
1.	Ensure proper detecti MUST PASS	on, monitoring or sampling method and equipment is chosen.	1 455			
2.	Ensure that all respon sampled. MUST PAS	ders are wearing the required PPE based on the material being SS				
3.		's instruction manual to select the proper colorimetric tube for xpiration dates for the tube. MUST PASS				
4.	Determine the require	d number strokes (N=#)				
5.	Perform a function ch MUST PASS	eck (bump test) to check device to ensure correct operation.				
6.	Reset the counter.					
7.		f the tube(s) using the provided tube cutter.				
8.		e hand pump in the proper air flow direction, with the arrow on the irection of the air flow. MUST PASS				
9.		be an appropriate distance away from the product or container not to come into contact with any solid or liquid product.				
10.	Sample the product be	ased on the manufacturer's instructions. MUST PASS				
11.		n the pump and read, interpret and record the results.				
12.		ube in accordance with appropriate regulations.				
13.		ment and return to operational state.				
14.	Complete required rep	ports 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			
Proctor/Candidate Comments:						



	Analyze the Incide		JPR- HMT #				
	2 Detection, Monitonstrate Use of Rea	oring and Sampling ogent Test Paper		Created	: March 1	2, 2024	
Cand	idate:	Date:					
Stude	ent#:						
	DARD: 11.2.2	TASK: Demonstrate the use of reagent test paper.					
NFPA 470, 2022 Edition Proctor Note: Whenever possible integrate the evaluation hazardous materials/emergency scenario. This will allow effectively in conjunction with other hazardous materials/			le line iter	ns to be e	valuated	ited	
		The candidate will demonstrate the ability to use reagent test paper including any steps marked MUST PASS to successfully complete		d. The car	ndidate		
Cone	 AHJ SOPs Selection of reage 	Manufacturer's operator's manual ent test papers dous materials incident, the candidate shall demonstrate the ability to	:				
No.		TASK STEPS	FIRST Pass	FIRST TEST RETT ass Fail Pass		rest Fail	
1.	Ensure proper detection MUST PASS	on, monitoring or sampling method and equipment is chosen.					
2.	Ensure that all respond sampled. MUST PAS	lers are wearing the required PPE based on the material being ${f S}$					
3.	Select appropriate reag	ent paper and equipment. MUST PASS					
4.	Inspect the test paper t	o ensure that it has not been exposed or has expired. MUST PASS					
5.	Remove a piece of app	ropriate size reagent test paper.					
6.	Sample the product. M	IUST PASS					
7.	Identify any color char reference. MUST PAS	nges to the reagent test paper and compare them with the provided SS					
8.	Read, interpret and rep	port the results.					
9.	Dispose of reagent pap	per.					
10.		nent and return to operational state.					
11.	Complete required rep	orts 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			
Evaluator (Print & Sign)	Date	Candidate	Date			
Re-Test Evaluator	Date	Re-Test Candidate	Date			
Proctor/Candidate Comments:						



	.2 Analyze the Incident			J	PR- HN	1T #7
		toring and Sampling Idiation Detection Instruments		Created	March 12	2, 2024
Cand	idate:	Dat	te:			
Stude	ent#:					
STANDARD: 1 1 . 2 . 2 NFPA 470, 2022 EditionTASK: Demonstrate the use of radiation detection equipment.Proctor Note: Whenever possible integrate the evaluation of this line item within a const hazardous materials/emergency scenario. This will allow multiple line items to be evaluated 					valuated	ated
		The candidate will demonstrate the ability to use radiation detection of 11 steps, including any steps marked MUST PASS to successful	ion equipment	nt in the f	ield. The	
EQUI	 PMENT REQUIRED: Personal protect: Report and docu AHJ SOPs 					
CONI	DITIONS: Given a haza	rdous materials incident, the candidate shall demonstrate the ability	to:			
No.		TASK STEPS	FIRST Pass	TEST Fail	RET Pass	FEST Fail
1.	Ensure proper detecti MUST PASS	ion, monitoring or sampling method and equipment is chosen.				
2.	Ensure that all responses sampled. MUST PAS	nders are wearing the required PPE based on the material being SS				
3.	Turn on the meter and	d test detector against check source.				
4.	Acquire background	radiation levels. MUST PASS				
5.	Monitor the area as re	equired.				
6.	Determine the presence of ionizing radiation. MUST PASS					
7.	Compare radiation va	lues to AHJ's SOPs.	1			
8.	Read, interpret and re	port results.				
9.	Read out or analyze t	he instrument. MUST PASS				
10.	Decontaminate equip	ment and return to operational state.				
11.	Complete required re	ports 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			
Evaluator (Print & Sign)	Date	Candidate	Date			
Re-Test Evaluator	Date	Re-Test Candidate	Date			
Proctor/Candidate Comments:						

	.2 Analyze the Incident 2.2 Detection Monitoring and Sampling			J	PR- HM	(T #8	
11.2.2 Detection, Monitoring and Sampling Demonstrate Use of a Dosimeter to Identify Personal Dose Received				Created	l: March 1	2, 2024	
Cand	idate:	Date:					
Stude	ent#:						
		onstrate the use of a dosimeter to identify personal dos	se receive	ed.			
NFPA 470, 2022 Edition Proctor Note: Whenever possible integrate the evaluation of this line item within a consol hazardous materials/emergency scenario. This will allow multiple line items to be evaluate effectively in conjunction with other hazardous materials/emergency scenario activities.					valuated	ited	
		will demonstrate the use of a dosimeter to identify per steps, including any steps marked MUST PASS to su					
-	 PMENT REQUIRED: Personal protective equipment Report and documentation forms AHJ SOPs 	 Dosimeter Manufacturer's operator's manual ncident, the candidate shall demonstrate the ability to: 					
CON			FIRST	TEST	RET	ETEST	
No.		TASK STEPS	Pass	Fail	Pass	-	
1.	Ensure proper detection, monitoring MUST PASS	or sampling method and equipment is chosen.					
2.	Ensure that all responders are wearing sampled. MUST PASS	g the required PPE based on the material being					
3.	Select appropriate dosimeter. MUST	PASS					
4.	Perform initial inspection to ensure d	osimeter is operational.					
5.	Ensure that the dosimeter has been m	aintained and appropriately calibrated. MUST PASS					
6.	Ensure that the dosimeter reads zero.	MUST PASS					
7.	Don the dosimeter as per the manufac						
8.		m radioactive material labels. MUST PASS					
9.	Perform mission activity.						
10.	Doff the dosimeter.						
11.	Read out or analyze dosimeter. MUS	ΓPASS					
12.	Record/ report results.						
13.	Decontaminate equipment and return	-					
14.	Complete required reports and support	ting documentation.					





Proctor/Candidate Comments:						
Re-Test Evaluator	Date	Re-Test Candidate	Date			
Evaluator (Print & Sign)	Date	Candidate	Date			
econd Test: otal points needed to pass: 10	Total points scored:	_ All MUST PASS items passed: Yes	No			
otal points needed to pass: 10	Total points scored:	_ All MUST PASS items passed: Yes	No			



11.2 Analyze the Incident11.2.2 Detection, Monitoring and SamplingDemonstrate the Use of a Photoionization Detector			JPR- HMT #				
				Created	l: March 1	2, 2024	
Cand	idate:	Dat	e:				
Stude	ent#:						
NFPA	DARD: 1 1 . 2 . 2 470, Edition	TASK: Demonstrate the use of a photoionization detector. Proctor Note: Whenever possible integrate the evaluation of t				uted	
		hazardous materials/emergency scenario. This will allow mult effectively in conjunction with other hazardous materials/emer					
	PMENT REQUIRED: • Personal protectiv • Report and docum	entation forms • Product to be tested	te this skill.				
	Calibration and/orAHJ SOPs	• Manufacturer's operator's manual					
CONI	OITIONS: Given a hazard	ous materials incident, the candidate shall demonstrate the ability	to:				
			FIRST TEST		RETEST		
No.		TASK STEPS	Pass	Fail	Pass Fail		
1.	Ensure proper detection MUST PASS	n, monitoring or sampling method and equipment is chosen.					
2.	Ensure that all respond sampled. MUST PASS	ers are wearing the required PPE based on the material being					
3.	Perform initial inspecti	on to ensure detector is operational.					
4.	Perform function check MUST PASS	x (bump test) to ensure the detector is functioning properly.					
5.	Perform a "fresh air" ca						
6.	Perform detection oper	ations as required. MUST PASS					
7.	, , , , , , , , , , , , , , , , , , ,	ors and apply as necessary.					
8.	Read, interpret and rep						
9.	When monitoring is co	mplete, turn off the instrument.					
10.		ent and return to operational state.					
11.	Complete required repo	orts 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			
Proctor/Candidate Comments:						



	Analyze the Incid 2 Detection, Moni	ent toring and Sampling		J	PR- HM	[T #10	
		f a Non-Contact Thermal Detection Device		Create	d: March	12, 2024	
Cand	idate:	Date:	:				
Stude	ent#:						
STAN NFPA	DARD: 11.2.2	TASK: Demonstrate the use of a non-contact thermal detection	on device.				
	2022 Edition Proctor Note: Whenever possible integrate the evaluation of this line item hazardous materials/emergency scenario. This will allow multiple line item effectively in conjunction with other hazardous materials/emergency scenarios.				tems to be evaluated		
		: The candidate will demonstrate the use of a non-contact thermal de of 9 steps, including any steps marked MUST PASS to successfully of 9 steps.			field. The	2	
Coni	 Personal protect Report and docu Heat source or co DITIONS: Given a haza	imentation forms • Thermal detector	1		Des		
No.		TASK STEPS		FIRST TEST		TEST	
			Pass	Fail	Pass	Fail	
1.	Ensure proper detect MUST PASS	ion, monitoring or sampling method and equipment is chosen.					
2.	Ensure that all response sampled. MUST PA	nders are wearing the required PPE based on the material being SS					
3.	Perform initial inspec	ction to ensure detector is operational.					
4.	Insert appropriate batteries and turn on the thermal detector. Select Celsius or Fahrenheit if applicable. MUST PASS						
5.		safely possible, use the aiming laser to assess the target from the arget and scan up slowly and methodically. MUST PASS					
6.	Read, interpret and re	eport results.					
7.	When monitoring is	complete, turn off the instrument.					
8.	Decontaminate equip	oment and return to operational state.					
9.	Complete required re	omplete required reports and supporting documentation.					



First Test:						
Total points needed to pass: 6	Total points scored:	All MUST PASS items passed: Yes	No			
Second Test:						
Total points needed to pass: 6	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:						



	.2 Analyze the Incident			J	PR- HN	IT #11
	3 Assessing Contants and the condition of the condition o	ainer Condition n of a Hazardous Materials Container		Create	d: March	12, 2024
Cand	lidate:	Date:				
Stude	ent#:					
STANDARD: 1 1 . 2 . 3 NFPA 470, 2022 EditionTASK: Evaluate the condition of a hazardous materials contained Proctor Note: Whenever possible integrate the evaluation of the 			ation of this line item within a consolic			ited
		effectively in conjunction with other hazardous materials/emerge The candidate will evaluate the condition of a hazardous materials of a start of the second start of	container i	n the field		
candi	date must score 5 out	of 8 steps, including any steps marked MUST PASS to successfully of	complete t	his skill.		
Coni	AHJ SOPs Approved resources Approved resources	Results of detection, monitoring and samp rces ardous materials incident, the candidate shall demonstrate the ability to):	TEST	REI	TEST
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.	Determine and selec MUST PASS	t the appropriate PPE based on the hazardous material.				
2.	Inspect the container	(s) and its closure(s).				
3.	Assess the condition stress. MUST PASS	of the container(s) and its closure(s), including types of damage and				
4.	Identify the level of risk associated with the container(s) and closure(s) damage/stress. MUST PASS					
5.	Follow safety proceed	lures.				
6.	Avoid/minimize haz					
7.	Decontaminate perso	onnel, tools and equipment.				
8.	Communicate the co associated risk. MU S	ndition of the container(s) and its closure(s) and the level of ST PASS				





First Test:						
Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No			
Second Test: Total points needed to pass: 5	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:						



	Analyze the Inciden l, 11.2.4, 11.2.5 Haz	t ard and Response Information, Predicting Behavior	, Estim	ating O	PR- HM utcomes d: March 1	
Predi	ct the Likely Effect	s of a Hazardous Materials Release		Create	u: March I	.2, 2024
Cand	idate:	Date:				
Stude	ent#:					
	DARD: 2.1,11.2.4,	TASK: Predict the likely effects of a hazardous materials released	ase withi	n an enda	ingered a	rea.
11.2	2.5	Proctor Note: Whenever possible integrate the evaluation of this				ted
	A 470, Edition	hazardous materials/emergency scenario. This will allow multipl				
2022	Edition	effectively in conjunction with other hazardous materials/emerge	ency scen	ario activi	ties.	
		The candidate will predict the likely effects of a hazardous materials				
	lgered area. The candidat lete this skill.	e must score 9 out of 12 steps, including any steps marked MUST	PASS to	successfu	lly	
-	PMENT REQUIRED:					
	 Personal protective 					
	 AHJ SOPs Approved resources	Assignment in IAPContainer with required markings				
	 Container with mix 		ing			
Corr			-			
CONI	DITIONS: Given a hazardo	bus materials incident, the candidate shall demonstrate the ability to	T	Thom	RET	
No.		TASK STEPS		TEST	Pass	Fail
			Pass	Fail	1 455	1°an
1.	Determine and select ap MUST PASS	ppropriate PPE, based on the hazardous materials/WMD.				
2.	Inspect containers and t					
3.	Assess condition of con damage and stress. MUS	tainers, closures and materials concentrations, including types of ST PASS				
4.	Identify level of risk ass MUST PASS	sociated with the containers, closures damage/stress.				
5.	Identify the physical, he endangered area.	ealth, safety hazards and concentrations of materials within the				
6.	Identify the areas of pot	ential harm in the endangered area.				
7.		ior/ potential outcome of the materials using the general hazardous I when multiple materials are involved. MUST PASS				
8.	Identify reactivity issues MUST PASS	s associated with multiple hazardous materials mixed together.				
9.	Follow safety procedure	25.				
10.	Avoid/minimize hazard					
11.	Decontaminate personn	el, tools and equipment.				
12.	Communicate condition MUST PASS	of containers and their closures and predicted behavior/risk.				



First Test: Total points needed to pass: 9	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 9	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	:		



11.2 Analyze the Incident JPR-HMT #13 11.2.1, 11.2.5 Hazard and Response Information Collection, Estimating Outcomes Created: March 12, 2024 Use Approved Reference Resources to Interpret Hazard and Response Information Candidate: Date: Student#: **STANDARD:** TASK: Use approved reference resources to interpret hazard and response information. 11.2.1,11.2.5 NFPA 470. **Proctor Note:** Whenever possible integrate the evaluation of this line item within a consolidated 2022 Edition 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 will use approved reference resources to interpret hazard and response information within an endangered area. The candidate must score 5 out of 5 steps to successfully complete this skill. **EQUIPMENT REQUIRED:** • Personal protective equipment • Approved tools and equipment • AHJ SOPs • Assignment in IAP • Approved reference sources CONDITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to: RETEST FIRST TEST No. TASK STEPS Pass Fail Pass Fail 1. Collect hazard and response information. Interpret hazard and response information using approved resources and equipment. 2. Identify signs and symptoms of exposures (including target organ effects) of hazardous 3. materials/WMD. 4. Using container labels, determine the expected radiation dose rate from containers. 5. Communicate hazard/response information and potential outcomes.

First Test:

Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No
--------------------------------	----------------------	---------------------------------	----

Second Test:

Total points needed to pass: 5 Total points scored: _____ All MUST PASS items passed: Yes _____ No_____

Evaluator (Print & Sign)

Date

Date

Re-Test Evaluator

Date

Re-Test Candidate

Candidate

Date

Proctor/Candidate Comments:

Candidate:		Date:					
Stude	andidate: Date:						
NFPA 2022	DARD: 1 1 . 3 . 1 A 470, Edition	TASK: Develop strategies and tactic Proctor Note: Whenever possible in hazardous materials/emergency scereffectively in conjunction with other The candidate will develop strategies a	ntegrate the evaluation of this hario. This will allow multiple hazardous materials/emerge	line iten e line iter ncy scena	ns to be e ario activ	valuated ities.	ıted
candi		f 3 steps , including any steps marked M re equipment • Results of inci • Hazardous mat	UST PASS to successfully co				
CONI	DITIONS: Given a hazard	lous materials incident, the candidate sh	all demonstrate the ability to:				
No.		TASK STEPS		First	TEST	Ret	
110.				Pass	Fail	Pass	ŀ
1.	. Identify or develop strategies for the hazardous materials/WMD incident.						
2.	Identify or develop tac						
3.	Make recommendation Hazardous Materials C	ns for strategies and tactics to the Incider Officer.	nt Commander or				
Second	bints needed to pass: Test:	3 Total points scored: All	_				
Total po	oints needed to pass:	3 Total points scored: All	MUST PASS items passed: Y	es	No		
Eva	luator (Print & Sign)	Date	Candidate			Date	
	Re-Test Evaluator	Date	Re-Test Candidate			Date	
Proct	tor/Candidate Comme	nts:					

Develop Strategies and Tactics for a Hazardous Materials/WMD Incident



11.3 Response Planning

11.3.1 Strategies and Tactics

Created: March 12, 2024

JPR- HMT #14

RETEST

Fail



11.3.2 Personal Protective Equipment (PPE) Selection Created: March 12, Select PPE Appropriate to a Hazardous Materials/WMD Incident Candidate:		Response Planning Porsonal Protocti			JI	PR- HM	T #15
Candidate:					Create	d: March 1	12, 2024
Student#:							
NPPA 470, Determine hazardous material/semergency scenario. This will allow multiple line items to be evaluated effectively in conjunction with other hazardous material/semergency scenario activities. PERFORMANCE OUTCOME: The candidate will select PPE appropriate to a hazmat/WMD incident. The candidate must score 3 out of 3 steps to successfully complete this skill. EQUIPMENT REQUEND: • Assignment in IAP • AHJ SOPs • Assignment in IAP • Approved resources • Assignment in IAP • Different types of PPE • Hazmat scenario with known problem CONDITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to: No TASK STEPS • Determine hazards. • Press • Determine hazards. • Improvements of available personal protective clothing based on its uses and iminations. • Stefferent • Stefferent • Select appropriate PPE ensemble for the assignment based on the hazards identified. • Improvement • Stefferent • Candidate No • Candidate • Date • Date • Retter Date Candidate Date							
3 out of 3 steps to successfully complete this skill. EQUIPMENT REQUIRED: • AHJ SOPS • Approved resources • Different types of PPE CONDITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to: No. TASK STEPS I. Determine hazards. 2. Determine the effectiveness of available personal protective clothing based on its uses and limitations. 3. Select appropriate PPE ensemble for the assignment based on the hazards identified. rest Test: tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No Evaluator (Print & Sign) Date Candidate Bate ReTest Candidate Date	NFPA 2022	A70, Edition	Proctor Note : Whenever possible integrate the evaluation of thi hazardous materials/emergency scenario. This will allow multiple effectively in conjunction with other hazardous materials/emerge	le line iter ency scen	ms to be e ario activ	valuated ities.	ted
 AHJ SOPs Approved resources Different types of PPE Hazmat scenario with known problem Hazmat scenario with known problem CONDITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to: TASK STEPS FIRST TEST RETES Pass Fail Pass Pass Fail Pass Pass Fail Pass Determine hazards. Determine hazards. Determine the effectiveness of available personal protective clothing based on its uses and inimitations. Select appropriate PPE ensemble for the assignment based on the hazards identified. Select appropriate PPE ensemble for the assignment based on the hazards identified. Select appropriate PPE ensemble for the assignment based on the hazards identified. Select appropriate PPE ensemble for the assignment based on the hazards identified. Retree Sign) Date Candidate Candidate Date Retree Sign) Date Candidate Date Date Candidate Date Candidate Date Date Candidate Date Date Can				ent. The ca	andidate n	nust score	
No. TASK STEPS FIRST TEST RETES 1. Determine hazards. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal protective clothing based on its uses and limitations. Image: Pass of available personal personalpersonal personalpersonal personal personal		 AHJ SOPs Approved resource Different types of	• Hazmat scenario with known problem PPE	:			
Pass Fail Pass 1. Determine hazards. Image: Comparison of the effective end of the effective e			·	1	TEST	Ret	EST
2. Determine the effectiveness of available personal protective clothing based on its uses and limitations. Imitations Imitations 3. Select appropriate PPE ensemble for the assignment based on the hazards identified. Imitations Imitations 3. Select appropriate PPE ensemble for the assignment based on the hazards identified. Imitations Imitations st Test: Imitations Imitations Imitations Imitations rst Test: Imitations Imitations Imitations Imitations tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No cond Test: Imitations Imitations Imitations Imitations Imitations tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No	NO.		TASK STEPS	Pass	Fail	Pass	Fail
limitations. Imitations.	1.	Determine hazards.					
rst Test: tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No cond Test: tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No tal 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	2.		eness of available personal protective clothing based on its uses and				
tal points needed to pass: 8 Total points scored: All MUST PASS items passed: Yes No cond Test: tal 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	3.	Select appropriate PPE	ensemble for the assignment based on the hazards identified.				
Re-Test Evaluator Date Re-Test Candidate Date	al po ond	ints needed to pass: Test:					
	Eval	uator (Print & Sign)	Date Candidate			Date	
Proctor/Candidate Comments:]	Re-Test Evaluator	Date Re-Test Candidate			Date	
	Proct	or/Candidate Comme	nts:				

11.3 Response Planning 11.3.4 Action Plan Development

Created: March 12, 2024

Date:

Develop a Site Safety and Control Plan for a Hazmat/WMD Incident at a Facility

Candidate:

Stude	<u> </u>							
STAN NFPA								
2022 1	2 Edition 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/emergene	cy scena	rio activi	ties.			
		he candidate will develop a site safety and control plan for a hazardo				t		
		t score 8 out of 11 steps, including any steps marked MUST PASS t	to succes	ssfully co	mplete			
this sk	MENT REQUIRED:							
EQUI	AHJ SOPs	Assignment in IAP						
	 List of approved res 							
	Hazmat scenario at							
COND	ITIONS: Given a hazardo	us materials incident, the candidate shall demonstrate the ability to:						
			First	TEST	Ret	EST		
No.		TASK STEPS —	D	Fail	Pass	Fail		
			Pass	ran	1 455	гап		
1.	Identify strategies.		Pass	ran	1 455	1 an		
1. 2.	Identify strategies. Prepare an action plan. I		Pass	Fall	1 455	1 an		
	Prepare an action plan. I Identify tactics, tasks an			гап	1 435	ran		
2. 3.	Prepare an action plan. I Identify tactics, tasks an MUST PASS	MUST PASS d resources necessary to meet identified strategies.		<u>ran</u>		Tan		
2.	Prepare an action plan. I Identify tactics, tasks an MUST PASS Identify site and safety c	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS						
2. 3. 4.	Prepare an action plan. I Identify tactics, tasks an MUST PASS	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS						
2. 3. 4. 5.	Prepare an action plan. I Identify tactics, tasks an MUST PASS Identify site and safety of Identify points for a safe Identify pre-entry tasks. Identify atmospheric and	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS						
2. 3. 4. 5. 6.	Prepare an action plan. I Identify tactics, tasks an MUST PASS Identify site and safety of Identify points for a safe Identify pre-entry tasks. Identify atmospheric and MUST PASS	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS ty briefing.						
2. 3. 4. 5. 6. 7.	Prepare an action plan. N Identify tactics, tasks an MUST PASS Identify site and safety c Identify points for a safe Identify pre-entry tasks. Identify atmospheric and MUST PASS Ensure plan is consisten Ensure plan is within the	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS ty briefing. I physical safety hazards (when confined space is involved).						
2. 3. 4. 5. 6. 7. 8. 9.	Prepare an action plan. N Identify tactics, tasks an MUST PASS Identify site and safety c Identify points for a safe Identify pre-entry tasks. Identify atmospheric and MUST PASS Ensure plan is consisten Ensure plan is within the MUST PASS	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS ty briefing. d physical safety hazards (when confined space is involved). twith emergency response plan and SOPs. e capabilities of available resources, including personnel.						
2. 3. 4. 5. 6. 7. 8.	Prepare an action plan. N Identify tactics, tasks an MUST PASS Identify site and safety of Identify points for a safet Identify pre-entry tasks. Identify atmospheric and MUST PASS Ensure plan is consisten Ensure plan is within the MUST PASS Preserve and collect lega	MUST PASS d resources necessary to meet identified strategies. ontrol components. MUST PASS ty briefing. d physical safety hazards (when confined space is involved). twith emergency response plan and SOPs.						



JPR- HMT #16



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

11.5 Evaluating and Reporting Progress 11.5.1 Evaluating and Reporting

Created: March 12, 2024

Date:

Assess and Communicate Progress of Assigned Tasks for a Hazmat/WMD Incident

Candidate:

Stude	nt#:							
	STANDARD: 11.5.1 TASK: Assess and communicate progress of assigned tasks for a hazmat/WMD incident. NFPA 470,							
	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.							
		The candidate will assess and communicate progress of assigned a score 4 out of 4 steps to successfully complete this skill.	asks for a h	azmat/WN	ИD			
EQUI	 PMENT REQUIRED: AHJ SOPs Communication of Hazmat scenario a 							
COND	ITIONS: Given a hazar	dous materials incident, the candidate shall demonstrate the ability	to:					
No			FIRST	TEST	Ret	TEST		
No.	TASK STEPS		Pass	Fail	Pass	Fail		
1.	Compare actual behav	vior of material and container to predicted behavior.						
2.	Determine effectivene	ss of strategies and tactics that have been performed.						
3.	Modify strategies and	tactics based on incident status review if indicated.						
4.	Communicate status o	f strategies and tactics.						

First Test:

Total points needed to pass: 4 Total	al points scored: A	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 4 Tota	al points scored: A	All MUST PASS items passed: Yes	No
Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Proctor/Candidate Comments:			



JPR- HMT #17



	Action Plan Implementatio 2 Personal Protective Equi				JP	R- HM	Γ #18
	rm Emergency Procedures	-	ailura in tha Uat 7au	n 0	Create	d: March 1	12, 2024
		S IOF I I E AIIU/OF SCHAF		lle			
	lidate:		Date:				
Stud	ent#:						
NFPA	A 470, Edition Procto hazardo	Perform emergency for PPE and r Note: Whenever possible integ ous materials/emergency scenari /ely in conjunction with other ha	grate the evaluation of this o. This will allow multiple	line item e line iten	ns to be e	valuated	.ted
at a h marke <i>Failu</i> steps skill.	TORMANCE OUTCOME: The candid azmat/WMD incident. The candid ed MUST PASS to successfully ca the including any steps marked M for <i>If Unable to Self-Rescue or R</i> PMENT REQUIRED: • AHJ SOPs • Chemical protective clothing • Emergency backup breathing • Rescue backup team	ate must score 5 out of 5 steps for omplete this skill. The candidate UST PASS to successfully comp <i>lesolve Issue</i> , including any steps g ensemble (CPC) with SCBA	or <i>Puncture, Tear or Suit</i> must score 5 out of 7 step blete this skill. The candida	Breach, is os for Los ate must s	including s of Air/S score 3 ou	any steps System It of 3	
Coni	DITIONS: Given a hazardous mater	ials incident, the candidate shall	demonstrate the ability to:			_	
No.		TASK STEPS		FIRST Pass	TEST Fail	RET Pass	TEST Fail
	Pun	cture, Tear or Suit Breach					
1.	Fold suit material over puncture		hand. MUST PASS				
2.	Remain calm, declare Mayday, a						
3.	Notify Entry Team Leader of site	* * *					
4.	Leave hot zone immediately with						
5.	Proceed to decontamination area	*	and suit removal.				
	L	oss of Air/System Failure					
1.	Notify your partner.						
2.	Declare Mayday and provide inf MUST PASS	ormation regarding emergency s	ituation and your status.				
3.	Assess situation.						
	a. Can malfunction be fixed	or bypassed?					
	b. Can air from cylinder be u	used if removed from harness?					
4.	If wearing a non- encapsulated st connection.	uit, disconnect air hose and conr	nect to partner's EBSS				
5.	If wearing an encapsulated suit, reschaled air inside suit.	remove SCBA facepiece and bre	eathe slowly from				
6.	Leave hot zone immediately with	h partner. MUST PASS					
7.	Proceed to decontamination area		and suit removal.				
		e to Self-Rescue or Resolve Issu					



1	•	Notify your partner.		
2	2.	Declare Mayday and provide information regarding emergency situation and your status. MUST PASS		
3		Remain calm and wait for backup rescue team.		

	Puncture	, Tear or Suit Breach	
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
	Loss of	Air/System Failure	
First Test:			
Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No
	If Unable to Se	elf-Rescue or Resolve Issue	
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

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

11.4 Action Plan Implementation 11.4.2 Personal Protective Equipment Use

Don, Work in and Doff a Vapor-Protective (Class 1) Ensemble

Candidate:

	DARD: 11.4.2	TASK: Don, work in and doff a vapor protective (class1) ensemb	le for a ha	azmat/WN	/ID incide	nt.
NFPA 470, 2022 Edition Proctor Note: Whenever possible integrate the evaluation of the hazardous materials/emergency scenario. This will allow multi effectively in conjunction with other hazardous materials/emergency			ple line items to be evaluated			
hazma		The candidate will don, work in and doff a vapor-protective (class 1 candidate must score 19 out of 24 steps , including any steps marked			ccessfully	7
Equi	 PMENT REQUIRED: Vapor-protective SCBA Decontamination 					
Cond	ITIONS: Given a hazar	dous materials incident, the candidate shall demonstrate the ability to:				
No.		TASK STEPS	FIRST TEST		RETEST	
			Pass	Fail	Pass	Fai
1.	Ensure pre-entry med	ical monitoring is performed. MUST PASS				
2.	Perform a visual insp					
3.	Ensure the ensemble					
4.	Ensure zipper is in go					
5.	Remove objects that of					
6.	Don ensemble to the	waist. MUST PASS				-
7.	Don work boots.					-
8.	Pull ensemble leg ope	ening over the top of the work boots if appropriate.				
9.	Don SCBA. MUST I	PASS				-
10.	Don the SCBA facep	ece and ensure a proper fit and seal. MUST PASS				
11.	Attach SCBA regulat	or to facepiece and ensure proper operation. MUST PASS				
12.		rator and ensure that respirator is functioning properly and perform pressure test. MUST PASS				
13.	Don inner protective	gloves.				-
14.	Pull ensemble hood u MUST PASS	p completely so that facepiece straps and skin are not exposed.				
15.	Ensure all closures ar	e sealed. MUST PASS				
16.	Perform pre-entry che	ecks.				
17.	Perform work assignr					
18.	Undergo technical de	contamination while wearing PPE, as necessary.				
19.	_	erse order of donning while continuing to breathe air from respirator.				
20.		iece, shutoff the cylinder valve and disarm PASS. MUST PASS				



JPR- HMT #19

Created: March 12, 2024

Date: _____



21.	Undergo post-exposure monitoring and surveillance.		
22.	Conduct a post-entry inspection of PPE for damage or defects. MUST PASS		
23.	Document findings.		
24.	Return to proper storage.		

First Test:

Total points needed to pass: 19	Total points scored:	_ All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 19	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:			

Student#: **STANDARD:** 11.4.2 TASK: Don, work in and doff a liquid splash-protective (class 2) ensemble for a hazmat/WMD NFPA 470. incident. 2022 Edition 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 will don, work in and doff a liquid splash-protective (class 2) ensemble for a hazmat/WMD incident. The candidate must score 15 out of 19 steps, including any steps marked MUST PASS to successfully complete this skill. **EQUIPMENT REQUIRED:** Liquid splash-protective ensemble (class 2) Donning/doffing personnel • SCBA • Decontamination equipment FIRST TEST No. TASK STEPS Pass Fail Perform a visual inspection of PPE for damage and defects. MUST PASS 1. Don class 2 ensemble and secure closures. MUST PASS 2. Don work boots. 3. Pull ensemble leg opening over the top of the work boots. 4. Don SCBA. MUST PASS 5. 6. Don the SCBA facepiece and ensure a proper fit and seal. MUST PASS Pull ensemble hood up completely so that the facepiece straps and skin are not exposed. 7. MUST PASS Breathe through respirator and ensure that the respirator is operating properly and perform 8. positive and negative pressure test. MUST PASS 9. Don inner protective gloves. Don outer protective gloves and pull the ensemble sleeve over the outside of the gloves. 10. Perform pre-entry checks. 11. Perform work assignment. 12. 13. Undergo decontamination, if appropriate. Doff ensemble in reverse order of donning while continuing to breathe air from 14. respirator. Remove SCBA facepiece, shutoff cylinder valve and disarm PASS. MUST PASS 15. Undergo post-exposure monitoring and surveillance. 16. 17. Conduct a post-entry inspection of PPE for damage or defects. MUST PASS Document findings. 18.

Don, Work in and Doff a Liquid Splash-Protective (Class 2) Ensemble

Candidate:

19.

Return to proper storage.

11.4 Action Plan Implementation

11.4.2 Personal Protective Equipment Use

JPR-HMT #20

RETEST

Fail

Pass

Created: March 12, 2024

Date: _____

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



Total points needed to pass: 15	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 15	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:			



	Action Plan Imple Personal Protect	mentation ive Equipment Use		JI	PR- HM	T #21
				Create	d: March	12, 2024
Don,	Work in and Doff	an Airborne/Particulate-Protective (Class 3) Ensemble	le			
Cand	idate:	Date:				
Stude	ent#:					
NFPA	DARD: 1 1 . 4 . 2 A 470, Edition	TASK: Don, work in and doff an airborne/particulate-protective (hazmat/WMD incident.	class 3) e	ensemble	for a	
		Proctor Note : Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multipl effectively in conjunction with other hazardous materials/emerge	e line iter	ns to be e	valuated	ited
a hazı		The candidate will don, work in and doff an airborne/particulate-prone candidate must score 14 out of 18 steps , including any steps marke kill.			semble for	r
	Air purifying devDecontamination	late-protective ensemble (class 3) • Donning/doffing personn vice (APR or PAPR) a equipment rdous materials incident, the candidate shall demonstrate the ability to				
CONL		dous matchais merdent, the candidate shan demonstrate the ability to.		TEST	RET	TEST
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.	Perform a visual insp	ection of PPE for damage or defects. MUST PASS				
2.	*	and secure closures. MUST PASS				
3.	Don work boots.					
4.	Don APR or PAPR.	AUST PASS				
5.	Breathe through respi	rator and ensure that the respirator is operating properly and perform pressure test. MUST PASS				
6.	Don protective headg	ear, if required.				
7.	MUST PASS	p completely so that the facepiece straps and skin are not exposed.				
8.	Don inner protective					
9.	Don outer protective					
10.	Perform pre-entry che					
11.	Perform work assignment					
12.	Undergo decontamina					
13.		erse order of donning. MUST PASS				
14.	Doff respirator.					
15.		xposure monitoring and surveillance.				
16.		inspection of PPE for damage or defects. MUST PASS				
17.	Document findings.					
18.	Return to proper stora	ige.				



First Test: Total points needed to pass: 14	Total points scored:	_ All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 14	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:			

11.4 Action Plan Implementation 11.4.2 Personal Protective Equipment Use

Created: March 12, 2024

Don, Work in and Doff a Biological Agent/Particulate-Protective (Class 4) Ensemble

Cand	idate:	Date:					
Stude	nt#:						
NFPA	DARD: 1 1 . 4 . 2 . 470, Edition	TASK: Don, work in and doff a biological agent/particulate-prote hazmat/WMD incident.	Ň	,			
		Proctor Note : Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multiple effectively in conjunction with other hazardous materials/emerge	ple line items to be evaluated				
ensem		The candidate will don, work in and doff a biological agent/particula incident. The candidate must score 10 out of 14 steps , including any kill.				1	
Equi	 MENT REQUIRED: Biological agent/pa Air purifying devic Decontamination each 		personne	1			
COND	ITIONS: Given a hazardo	us materials incident, the candidate shall demonstrate the ability to:					
		TASK STEPS	FIRST TEST		Ret	EST	
No.		LASK STEPS	Pass	Fail	Pass	Fail	
1.	Perform a visual inspect	tion of PPE for damage or defects. MUST PASS					
2.	Don class 4 ensemble. N	AUST PASS					
3.	Don chemical resistant b	poots or booties.					
4.	Don APR or PAPR. MI	JST PASS					
5.		or and ensure that the respirator is operating properly and perform pressure test. MUST PASS					
6.	Don gloves.						
7.	Perform pre-entry check	·s.					
8.	Perform work assignment	nt.					
9.	Undergo decontamination						
10.	Doff ensemble in revers	e order of donning. MUST PASS					
11.	Doff respirator. MUST	PASS					
12.	Dispose of garments per	· AHJ requirements.					
13.	Undergo post-exposure	monitoring and surveillance. MUST PASS					
14.	Complete reports and do	ocument as required.					



JPR- HMT #22



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
Proctor/Candidate Comments:			

11.4 Action Plan Implementation	
11.4.2 Personal Protective Equipment Use	e

Created: March 12, 2024

Inspect, Test, Maintain and Document Chemical-Protective Clothing Serviceability

Candidate:

Student#: TASK: Inspect, test, maintain and document chemical-protective clothing serviceability. **STANDARD:** 11.4.2 NFPA 470, 2022 Edition 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 will inspect, test, maintain and document chemical-protective clothing

serviceability. The candidate must score 5 out of 5 steps for *Inspection* to successfully complete this skill. The candidate must score 2 out of 2 steps for Testing (Pressure Test) to successfully complete this skill. The candidate must score 1 out of 1 steps for Maintenance to successfully complete this skill. The candidate must score 2 out of 2 steps for Documentation to successfully complete this skill.

EOUIPMENT REOUIRED:

- Appropriate PPE with manufacturer's instructions.
- Replacement components per manufacturer's recommendations • Zipper lubricant per manufacturer's recommendations
- PPE maintenance logs/forms • Compressed air source
- Water and mild detergent

• Manufacturer's pressure test kit

• Documentation/reports

No.	. TASK STEPS FIRST TEST		Ret	RETEST	
	TASK STEPS	Pass Fail Pass		Fail	
	Inspection				
1.	Ensure the suit's serviceability per SOPs.				
2.	Visually inspect both the interior and exterior of the suit looking for damage or defects.				
3.	Visually inspect the suit for any changes to the suit material.				
4.	Check to ensure the zipper operates correctly.				
5.	Check the function of all the valves and passthroughs if applicable.				
	Testing (Pressure Test)				
1.	Test the suit according to the manufacturer's recommendations.				
2.	Check and record pressure as per the manufacturer's recommendations.				
	Maintenance				
1.	Maintain suit according to manufacturer's recommendations.				
	Documentation				
1.	Document all findings during the inspection as per the AHJ's requirements and remove any suits with defects or malfunctions from service.				
2.	Return to proper storage as per the manufacturer's instructions.				



JPR- HMT #23

Date: ____



		Inspection	
First Test: Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 5	Total points scored:	All MUST PASS items passed: Yes	No
	Testin	g (Pressure Test)	
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
	Ν	laintenance	
First Test: Total points needed to pass: 1	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 1	Total points scored:	All MUST PASS items passed: Yes	No
	Do	cumentation	
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
Evaluator (Print & Sign)	Date	Candidate	Date
Re-Test Evaluator	Date	Re-Test Candidate	Date
Proctor/Candidate Comments	S:		



				J	PR- HM	IT #24
	-	·		Create	d: March	12, 2024
Cand	idate:	Date:				
1. Establish a decontamination line. MUST PASS Image: Contemportal and the end of the end end of the end of the end						
NFPA	A 470,	Proctor Note : Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multiple	s line iter le line iter	ns to be e	valuated	nted
					ne	
	 PPE SCBA Charged hoesline and	Containers for contaminated equipmFirefighting apparatus				
CONI	DITIONS: Given a hazardo	ous materials incident, the candidate shall demonstrate the ability to			r	
No.		TASK STEPS		1		FEST Fail
1	Establish a decontamin	ation line MUST PASS				
	Instruct contaminated p					
3.	Use low pressure water	spray for gross wash.				
4.	a. Remove helme b. Remove turnou c. Roll turnout pa d. Remove SCBA e. Remove and d Note: A helper may be	et and hood (slide hood over face mask to airline). ut coat and outer gloves. ants down with the clean side out and step out of boots. A facepiece, shut off the cylinder valve and disarm PASS. ispose inner gloves. used to doff PPE.				
5.	Wash, using soap and w and wrists before movir					
6.		osal or decontamination of PPE.				
7.	Complete required repo	rts and supporting documentation.				



Proctor/Candidate Comments:	Dat	Re-Fisi Candidat	Dat
	Date	Re-Test Candidate	Date
Evaluator (Print & Sign)	Date	Candidate	Date
Second Test: Total points needed to pass: 5 Tota	al points scored: A	All MUST PASS items passed: Yes	No
First Test: Total points needed to pass: 5 Total	al points scored: A	All MUST PASS items passed: Yes	No

11.3, 11.4.5 Response Planning, Decontamination 11.3.3, 11.4.5.1 Decontamination Method Selection, Mass Decontamination			JP	R- HM	Г #25
	rm Mass Decontamination on Ambulatory People		Create	d: March 1	12, 2024
Cand					
Stude	nt#:				
STAN 11.4 . NFPA					ted
	Edition Hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emerg	le line iter	ns to be e	valuated	
	DRMANCE OUTCOME: The candidate will perform mass decontamination on ambulatory p nt. The candidate must score 14 out of 17 steps , including any steps marked MUST PASS				
-	• PPE/SCBA • Charged hoseline wi • Towels, sponges, brushes • Disposable garments • Product information resources (ERG, WISER,SDS,etc.) • Fire apparatus • Bags/tags for personal property/evidence • Monitoring/detection ITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to	devices	ern nozzle	2	
COND	mons. Given a nazardous materiais meldent, the candidate shan demonstrate the ability to	6. FIRST TEST		RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Select appropriate decontamination method to minimize hazards. MUST PASS				
2.	Identify equipment required to implement decontamination method selected.				
3.	Ensure that all responders are wearing appropriate PPE for performing mass decontamination operations. MUST PASS				
4.	Establish mass decontamination corridor for ambulatory people. MUST PASS				
5.	Ensure the decontamination corridor provides privacy, if possible.				
6.	Prepare fire apparatus for use during mass decontamination.				
7.	Set fire nozzle to fog pattern.				
8.	Instruct all people to go through mass decontamination. MUST PASS				
9.	Instruct people to remove contaminated clothing, ensuring that they do not come into further contact with any other contaminants.				
10.	Instruct people to keep arms raised as they proceed slowly through the wash area.				
11.	Monitor for additional contamination using appropriate detection device. MUST PASS				
12.	Instruct persons to move to a clean area to dry off and provide them a clean garment to wear.				
13.	Direct persons to the medical evaluation station.				
14.	Inform emergency medical staff of the contaminant involved and its hazards, if known. MUST PASS				
15.	Ensure personnel, tools and equipment are decontaminated.				
16.	Terminate decontamination operations.				
17.	Complete required reports and supporting documentation.				





First Test:

Total points needed to pass: 14	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 14	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:			

HAZARDOUS MATERIALS TECHNICIAN

11.3.3	3, 11.4.5 Response Planning, Decontamination 3.3, 11.4.5.1 Decontamination Method Selection, Mass Decontamination form Mass Decontamination on Non-Ambulatory People				PR- HM d: March 1		
Cand	idate:	ination on Non-Ambulatory Pe	ople Date:				
Stude	ent#:		-				
11.4 . NFPA 2022 I PERF incide	A 470, Edition ORMANCE OUTCOME: 7	TASK: Perform mass decontamination Proctor Note : Whenever possible inter- hazardous materials/emergency scenarie effectively in conjunction with other has The candidate will perform mass decontails core 15 out of 18 steps, including any st	egrate the evaluation of this io. This will allow multipl azardous materials/emerge mination on non-ambulator	s line iten e line iter ency scent ry people	n within a ns to be e ario activi at a hazm	consolida valuated ties. at/WMD	
skill. EQUI	PMENT REQUIRED:						
	 PPE/SCBA Towels, sponges, br Product information Bags/tags for person 	ushes, disposable garments a resources (ERG, WISER,SDS,etc.) nal property/evidence ous materials incident, the candidate shall	 Charged hoseline wit Backboard or litter Fire apparatus Monitoring/detection 	devices	ern nozzle	2	
CONL	THONS. GIVEN a hazardo	the materials incluent, the candidate share	i demonstrate the ability to:		TEST	Ret	EST
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Select appropriate decor	ntamination method to minimize hazard	s. MUST PASS	1 455	1 an		
2.		ired to implement decontamination meth					
3.		rs are wearing appropriate PPE for perfo					
4.	Establish mass decontan	nination corridor for non-ambulatory peo	ople. MUST PASS				
5.	Ensure the decontamina	tion corridor provides privacy, if possibl	e.				
6.	Establish an initial triage	e point to evaluate and direct people.					
7.		et fire nozzle to fog pattern.					
8.		on-ambulatory wash area of the decontai itter device. MUST PASS	nination station on an				
9.	Remove all PPE/clothin containers.	g, jewelry and personal belongings and p	place in appropriate				
10.	-	mbulatory person(s) and avoid spreading h the outside of the clothing to the skin.	g the contamination when				
11.		tire body using handheld hoses, sponges 's SOPs for safety. MUST PASS	and/or brushes and then				
12.	-	n the wash and rinse stations to a drying access. Ensure that the person is completed	1 0				
13.	Monitor for additional c	ontamination using the appropriate detec	ction device.				
14.		personnel reevaluate the victim's injuries					
15.	Inform emergency medi MUST PASS	cal staff of the contaminant involved and	l its hazards, if known.				



I



16	Ensure personnel, tools and equipment are decontaminated.		
17	Terminate decontamination operations.		
18	Complete required reports and supporting documentation.		

First Test:

Total points needed to pass: 15	Total points scored:	All MUST PASS items passed: Yes	_No
Second Tests			

Second Test:

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

	11.4.5 Response Planning, Decontamination	. JPR- HMT #2			Г #27	
	, 11.4.5.2 Decontamination Method Selection, Technical Decontaminati rm Technical Decontamination on Ambulatory People	ion	Create	d: March 1	12, 2024	
Cand	idate: Date:					
Stude	ent#:					
11.4 . NFPA		s line iten le line iter	n within a ns to be e	consolida valuated	ted	
	ORMANCE OUTCOME: The candidate will perform technical decontamination on ambulator ent. The candidate must score 14 out of 17 steps, including any steps marked MUST PASS					
	 PMENT REQUIRED: PPE/SCBA Towels, sponges, brushes, disposable garments Product information resources (ERG, WISER,SDS,etc.) Bags/tags for personal property/evidence Technical decontamination equipment Charged hoseline with Backboard or litter Fire apparatus Monitoring/detection 	01	tern nozzl	e		
Cond	TTIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to	:				
No.	TASK STEPS	FIRST Pass	TEST	RET Pass	ETEST Fail	
1. 2.	Select appropriate technical decontamination method to minimize hazards. MUST PASS Identify equipment required to implement decontamination method selected.		Fail	1 435	Fan	
3.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations. MUST PASS					
4.	Establish technical decontamination corridor for ambulatory people. MUST PASS					
5.	Ensure the decontamination corridor provides privacy, if possible.					
6.	Establish an initial triage point to evaluate and direct people. MUST PASS					
7.	Instruct person to remove potentially contaminated clothing and jewelry, ensuring they do not come into further contact with the contaminants. Emergency responders place tools and/or equipment in designated area.					
8.	Instruct person to undergo gross decontamination. MUST PASS					
9.	Instruct person to undergo secondary decontamination.					
10.	Instruct person to keep arms raised as they proceed slowly through the wash area.					
11.	Instruct person to enter the privacy station, remove clothing down to undergarments and shower and wash thoroughly from the top down.					
12.	Provide a clean garment for person to wear after decontamination.					
13.	Monitor for additional contamination using the appropriate detection device. MUST PASS					
14.	Direct the person to the medical evaluation station.					
15.	Ensure personnel, tools and equipment are decontaminated.					
16.	Terminate decontamination operations.					
17.	Complete required reports and supporting documentation.					





First Test: Total points needed to pass: 14	Total points scored:	_ All MUST PASS items passed: Yes	No		
Second Test: Total points needed to pass: 14	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:					

,	11.4.5 Response Planning, Decontamination		JPR- HMT #28		
	, 11.4.5.2 Decontamination Method Selection, Technical Decontaminati rm Technical Decontamination on Non-Ambulatory People	on	Create	d: March 1	2, 2024
Candi	idate: Date:				
Stude	nt#:				
11.4 . NFPA		of this line item within a consolidated multiple line items to be evaluated			
hazma	DRMANCE OUTCOME: The candidate will perform technical decontamination on non-ambu at/WMD incident. The candidate must score 14 out of 17 steps , including any steps marked lete this skill.			ccessfully	,
EQUII	PMENT REQUIRED:• Charged hoseline wit• PPE/SCBA• Charged hoseline wit• Towels, sponges, brushes, disposable garments• Backboard or litter• Product information resources (ERG, WISER,SDS,etc.)• Fire apparatus• Bags/tags for personal property/evidence• Monitoring/detection• Technical decontamination equipment• Monitoring/detection	devices	ern nozzlo	2	
COND	ITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to				
No.	TASK STEPS	FIRST	1	RET	1
1.	Select appropriate decontamination method to minimize hazards. MUST PASS	Pass	Fail	Pass	Fail
2.	Identify equipment required to implement decontamination method selected.				
3.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations. MUST PASS				
4.	Establish technical decontamination corridor for ambulatory people. MUST PASS				
5.	Ensure the decontamination corridor provides privacy, if possible.				
6.	Establish an initial triage point to evaluate and direct people. MUST PASS				
7. 8.	Perform intervention, if needed. Transfer person to the non-ambulatory wash area of the decontamination station on an appropriate backboard/litter device. MUST PASS				
9.	Remove all PPE/clothing, jewelry and personal belongings and place in appropriate containers.				
10.	Carefully undress non-ambulatory persons and avoid spreading the contamination when undressing. Do not touch the outside of the clothing to the skin.				
11.	Completely wash entire body using handheld hoses, sponges and/or brushes and rinse. MUST PASS				
12.	Transfer the person from the wash and rinse stations to a drying station after completing the decontamination process. Ensure that the person is completely dry and provided garments.				
13.	Monitor for additional contamination using the appropriate detection device. MUST PASS				
14.	Have on-scene medical personnel reevaluate injuries. MUST PASS				



15.

Ensure personnel, tools and equipment are decontaminated.



16. Terminate decontamination op	perations.							
17. Complete required reports and	supporting documentation.							
First Test:								
Total points needed to pass: 14 To	tal points scored:	All MUST PASS items passed:	Yes	No				
Second Test:								
	Total points needed to pass: 14 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:								



		Response Planning		JI	PR- HM	T #29
		11.4.3.4, 11.4.4.2, 11.4.5.2 Technical Decontamination for Weapons, Tools and Equipment	on	Create	d: March	12, 2024
Cand	idate:	Date:				
Stude	ent#:					
1 1 . 3 1 1 . 4 1 1 . 4 11. 4 . NFPA 2022 PERF hazma	A 470, Edition ORMANCE OUTCOME: 7	 TASK: Implement technical decontamination for weapons, tools incident. Proctor Note: Whenever possible integrate the evaluation of the hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emerge? The candidate will implement technical decontamination for weapon indidate must score 7 out of 10 steps, including any steps marked. 	is line item le line iter gency scena	n within a ns to be e ario activi nd equipr	consolida valuated ties. nent at a	
-	 Product information Bags/tags for person Technical decontame 		n devices pment for o		2	
		· · ·	FIRST TEST		RET	TEST
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.	Identify appropriate dec	ontamination method to minimize hazards. MUST PASS				
2.	Identify equipment requ	ired to implement decontamination method selected.				
3.	Ensure that all responde decontamination operation	rs are wearing appropriate PPE for performing technical ons. MUST PASS				
4.	Establish technical decontamination corridors according to AHJ's SOPs for weapons, tools and equipment. MUST PASS					
5.	Establish an initial triage point to evacuate and direct personnel. MUST PASS					
6.	Instruct personnel to transfer weapons, tools and equipment at appropriate decon lines.					
7.	according to AHJ proce	al decontamination method on weapons, tools and equipment dures.				
8.	Monitor weapons, tools as necessary. MUST P A	and equipment for contamination; repeat decontamination steps				
9.	Inspect and appropriatel	y stow weapons, tools and equipment.				
10.	Complete required report	ts 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			
Proctor/Candidate Comments:						

Store Professional Commission

11.3, 11.4.5 Response Planning, Action Plan Implementation 11.3.3, 11.4.5.2 Decontamination Method Selection, Technical Decontamination					JPR- HMT #30		
		mination Method Selection, Technical Decontamina econtamination for Potential Suspects	ition	Create	d: March	12, 2024	
Cand		-	e:				
Stude	ent#:						
STANDARD: 1 1 . 3 . 3 , 1 1 . 4 . 5 . 2 NFPA 470, 2022 EditionTASK: Implement technical decontamination for potential susp Proctor Note: Whenever possible integrate the evaluation of thazardous materials/emergency scenario. This will allow mult effectively in conjunction with other hazardous materials/emergency			n of this line item within a consolidate multiple line items to be evaluated				
		The candidate will implement technical decontamination for poter score 9 out of 12 steps, including any steps marked MUST PASS)	
_	 Product informatio Bags/tags for perso Technical decontant 	 Charged hoseline v Backboard or litter Fire apparatus Monitoring/detection "Suspects" and "law 	on devices w enforcem				
CONL	THONS. GIVEN a hazard	ous materials incluent, the candidate shan demonstrate the ability		TEST	RET	TEST	
No.		TASK STEPS	Pass	Fail	Pass Fail		
1.	Identify appropriate de	contamination method to minimize hazards. MUST PASS					
2.	Identify equipment req	uired to implement decontamination method selected.					
3.	Ensure that all respond decontamination opera	ers are wearing appropriate PPE for performing technical tions. MUST PASS					
4.	Establish technical dec MUST PASS	ontamination corridors according to AHJ's SOPs for suspects.					
5.	Establish an initial triag	ge point to evacuate and direct personnel. MUST PASS					
6.	1 1	Instruct potential suspect and accompanying law enforcement officer, if present, to transfer tools and/or equipment and evidence at appropriate decontamination lines.					
7.	Instruct potential suspe	ct to undergo decontamination procedure.					
8.	Perform technical deco	ntamination. MUST PASS					
9.	Monitor suspect for coas necessary. MUST P	ntamination; repeat decontamination steps ASS					
10.	Instruct or assist potent	ial suspect to dry off, if necessary.					
11.		have completed decontamination to medical evaluation.					
12.	Complete required repo	orts 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 needed to pass: 9	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:					



11.3, 11.4.5 Response Planning, Action Plan Implementation 11.3.3, 11.4.5.2 Decontamination Method Selection, Technical Decontamination						Г #31
	,	contamination for Law Enforcement Personnel	ation	Create	d: March	12, 2024
Cand	idate:	Dat	te:			
Stude	ent#:					
11.3 NFPA	DARD: 3 , 1 1 . 4 . 5 . 2 . 470, Edition	 TASK: Implement technical decontamination for law enforcer incident. Proctor Note: Whenever possible integrate the evaluation of hazardous materials/emergency scenario. This will allow multieffectively in conjunction with other hazardous materials/emergency 	this line iten tiple line iter	n within a ns to be e	consolida valuated	
hazma		The candidate will implement technical decontamination for law andidate must score 9 out of 12 steps, including any steps marke				
	 Product information Bags/tags for person Technical decontam 		r on devices personnel"	ern nozzle	e	
				FIRST TEST		TEST
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.		contamination method to minimize hazards. MUST PASS				
2.		aired to implement decontamination method selected.				
3.	Ensure that all responde decontamination operation	ers are wearing appropriate PPE for performing technical ions. MUST PASS				
4.	Establish technical deco law enforcement person	ontamination corridors according to AHJ's SOPs for law nel. MUST PASS				
5.	Establish an initial triag MUST PASS	e point to evacuate and direct law enforcement personnel.				
6.	Instruct law enforcemen at appropriate decontam	nt personnel to transfer tools and/or equipment and evidence nination lines.				
7.	Instruct law enforcement	nt personnel to undergo decontamination procedure.				
8.	Perform technical decor	ntamination. MUST PASS				
9.		nt personnel for contamination; repeat decontamination steps				
10.	Instruct law enforcement and provide temporary g	nt personnel who have completed decontamination to dry off, garment if necessary.				
11.	Direct individuals who	have completed decontamination to medical evaluation.				
12.	Complete required repo	rts 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 needed to pass: 9	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	:		

entre Professional Contribution

	-	nning, Action Plan Implementation nination Method Selection, Technical Decontaminat	ion	JP	'R- HM'	Т #32
Imple	ment Technical De	contamination for Working Canines		Create	d: March	12, 2024
Cand		Date:				
Stude	nt#:					
11.3.3,11.4.5.2NFPA 470,2022 EditionProctor Note: Whenever possible integ hazardous materials/emergency scenario		TASK: Implement technical decontamination for working canine Proctor Note : Whenever possible integrate the evaluation of the hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emerge	is line iten le line iter	n within a ns to be e	consolida valuated	
incide skill.	nt. The candidate must s	The candidate will implement technical decontamination for working core 12 out of 16 steps , including any steps marked MUST PASS				
	 Product information Bags/tags for person Technical decontamt 		n devices	ern nozzle	2	
COND	OITIONS: Given a hazardo	ous materials incident, the candidate shall demonstrate the ability to	1		Dag	
No.		TASK STEPS	FIRST TEST Pass Fail		RET Pass	FEST Fail
1.	Identify appropriate dec	contamination method to minimize hazards. MUST PASS	r ass	гап	1 455	1 un
2.		lired to implement decontamination method selected.				
3.	Ensure that all responde decontamination operat	ers are wearing appropriate PPE for performing technical ions. MUST PASS				
4.	Establish technical deco MUST PASS	ontamination corridors according to AHJ's SOPs for canines.				
5.	Establish an initial triag MUST PASS	e point to evacuate and direct canines and their handlers.				
6.		ve tools and equipment at the tool drop.				
7.	Instruct handler to perfo	orm primary decontamination wash on canine.				
8.	4	orm technical decontamination on canine.				
9.	Monitor canine for cont MUST PASS	amination, repeat decontamination steps as necessary.				
10.	Instruct handler to dry o					
11.		rgo primary and secondary decontamination.				
12.		tamination; repeat decontamination steps as necessary.				
13.	MUST PASS Instruct handler to dry o	off and provide temporary garment if necessary.				
14.		r to vet evaluation station.				
15.		r to recovery and rehab station.				
16.	Complete required repo	rts and supporting documentation.				



Proctor/Candidate Comments:			
Re-Test Evaluator	Date	Re-Test Candidate	Date
Evaluator (Print & Sign)	Date	Candidate	Date
Second Test: Fotal points needed to pass: 12	Fotal points scored:	All MUST PASS items passed: Yes	No
Fotal points needed to pass: 12	Fotal points scored:	All MUST PASS items passed: Yes	No



,	-	anning, Action Plan Implementa nination Method Selection, Tech		ion	JP	R-HM	Г #33
		contamination for Evidence			Create	d: March 1	12, 2024
Cand			Date:				
Stude	ent#:						
STANDARD: 1 1 . 3 . 3 , 1 1 . 4 . 5 . 2 NFPA 470, 2022 EditionTASK: Implement technical decontamination for e 			grate the evaluation of thi o. This will allow multip	is line iterr le line iter	n within a ns to be e	consolida valuated	ted
		The candidate will implement technical descore 7 out of 10 steps, including any step					
	 Product information Bags/tags for perso Technical decontam 		 Charged hoseline wi Canine handler Fire apparatus Monitoring/detection Evidence to be decording to the decording t	n devices ntaminated		2	
COND	ortions: Given a hazard	ous materials incident, the candidate shall	demonstrate the ability to): FIRST	RET	FST	
No.		TASK STEPS		Pass	Fail	Pass	Fail
1.	Identify appropriate de	contamination method to minimize hazard	ds. MUST PASS				
2.		aired to implement decontamination method					
3.	Ensure that all responders are wearing appropriate PPE for performing technical decontamination operations. MUST PASS						
4.	Establish technical deco MUST PASS	Establish technical decontamination corridors according to AHJ's SOPs for evidence. MUST PASS					
5.	Establish an initial triag	e point to evacuate and direct personnel. I	MUST PASS				
6.	-	insfer evidence at the appropriate decontai					
7.	Use appropriate technic MUST PASS	al decontamination on the outside of the e	evidence package.				
8.	Monitor evidence for co MUST PASS	ontamination; repeat decontamination step	s as necessary.				
9.	Deliver decontaminated custody documentation	l evidence to appropriate personnel, ensur MUST PASS	ing proper chain-of-				
10.	Complete required repo	rts and supporting documentation.					
				-			



First Test: Total points needed to pass: 7 Tot	al points scored: 4	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 7 Tot	al 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:			



	Rescue	nd Daaayawy		J	PR- HM	T #34	
	1.2 Victim Rescue a			Create	d: March 1	2, 2024	
Perfo	rm Victim Rescue	and Recovery Operations at a Hazmat/WMD Incide	nt				
Cand	idate:	Date:					
Stude	ent#:						
STAN	DARD: 11.4.4.2	TASK: Perform victim rescue and recovery operations at a hazm	at/WMD	incident.			
NFPA							
2022	Edition	Proctor Note: Whenever possible integrate the evaluation of thi				ted	
		hazardous materials/emergency scenario. This will allow multiple effectively in conjunction with other hazardous materials/emerge					
		encenvery in conjunction with other nazardous materials/energy	ency seen		1105.		
DEDE	ODMANCE OUTCOME:	The candidate shall perform victim rescue and recovery operations	at a hazmi	at/WMD i	ncident		
		it of 12 steps for <i>Rescue Operations</i> , including any steps marked N					
comp	lete this skill. The candid	date must score 5 out of 7 steps for Recovery Operations, including					
PASS	to successfully complete	e this skill.					
EQUI	PMENT REQUIRED:		1 •1•. /		/1 1	、 、	
	 PPE/SCBA Entry team for record	Multiple victims (various states of mo	bility/cons	sciousness	s/deceased)	
	 Entry team for res 						
CONI	*	ous materials incident, the candidate shall demonstrate the ability to):				
		· · · · ·		FIRST TEST		RETEST	
No.		TASK STEPS	Pass	Fail	Pass	Fail	
		Rescue Operations					
1.		ncluding the hazards present and the status of victims in order to					
		y of rescue and to prioritize victim rescue. MUST PASS					
2.		e or recovery tactic(s) and brief team members.					
3.	-	ers are wearing appropriate PPE. MUST PASS					
4.		ountermeasures required to facilitate rescue.					
5.		ion corridor appropriate to the incident.					
6.		raction crew on the task.					
7.		begin extraction to Incident Commander.					
8.	Begin victim extraction MUST PASS	using available specialized rescue equipment as appropriate.					
9.	Maintain continuous co	mmunication during extraction.					
10.	As extraction crew exit Procedures as per the A	s incident area with victims, begin emergency decontamination HJ. MUST PASS					
11.	-	ted victims to medical triage.					
12.		orts and supporting documentation.					
		Recovery Operations					
1.	Once all viable victims	have been rescued, scene has been stabilized and approved for					
		been given, assemble and brief recovery entry team.					
2.		begin recovery to Incident Commander or appropriate authority.					
3.		cation and status of deceased victims at the incident.					
4.	Maintain continuous co	mmunication during recovery operations.					



5.	As recovery entry team exits incident area with the victims, begin victim decontamination procedures. MUST PASS		
6.	Transport decontaminated victims to on-scene Medical Examiner.		
7.	Complete required reports and supporting documentation.		

IC50	cue Operations	
3 Total points scored:	All MUST PASS items passed: Yes	No
Total points scored:	All MUST PASS items passed: Yes	No
Recov	very Operations	
5 Total points scored:	All MUST PASS items passed: Yes	No
5 Total points scored:	All must pass items passed: Yes	No
Date	Candidate	Date
Date	Re-Test Candidate	Date
its:		
	Total points scored: Recor Total points scored: Total points scored: Date	Date Re-Test Candidate



	4 Rescue			J	PR- HM	(T #35
	4.1 Rescue an Incapacitated Entr	•		Create	d: March	12, 2024
Cand	lidate:	Date:				
Stude	ent#:					
		an incapacitated entry team member from the hot z	zone at a	hazmat/V	VMD inci	dent.
NFPA 470, 2022 EditionProctor Note: Whenever possible integrate the evaluation of the hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emergency				ns to be e	valuated	ıted
hazma		ll rescue an incapacitated entry team member from re 8 out of 12 steps , including any steps marked M			ccessfully	
	PMENT REQUIRED: • PPE/SCBA • Approved communications equipme					
CONE	DITIONS: Given a hazardous materials inclu	dent, the candidate shall demonstrate the ability to:	FIRST	Then	DET	ГЕЅТ
No.	TAS	SK STEPS	Pass	Fail	Pass	Fail
1.	Evaluate the situation, including the haze to determine the feasibility of rescue. M	ards present and the status of victims, in order UST PASS	1 455	1 un		
2.	Select appropriate rescue tactic(s) and br	ef backup team members.				
3.	Ensure that all responders are wearing ap	propriate PPE. MUST PASS				
4.	Initiate any necessary countermeasures re-	equired to facilitate rescue.				
5.	Communicate intent to begin extraction t	o the Incident Commander.				
6.	Visually identify the location and status or order of extraction. MUST PASS	of responder(s) at the incident and assess/triage				
7.	Begin extraction of entry team member(s). MUST PASS				
8.	Using specialized rescue equipment, rem MUST PASS	ove entry team member(s) from the hot zone.				
9.	Maintain continuous communication dur	ng extraction.				
10.		with the entry team member(s), begin emergency doffing rescued entry team member's PPE as				
11.	Transport decontaminated entry team me	mber(s) to medical triage.				
12.	Complete required reports and supporting					1



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



11.4.4 Rescue 11.4.4.2 Victim Rescue			JI	PR- HM	I T #36	
Conduct Triage to Prior	•			Create	d: March	12, 2024
Candidate:	Date:					
Student#:						
STANDARD: 1 1 . 4 . 4 . 2 NFPA 470, 2022 EditionTASK: Conduct triage to prioritize Proctor Note: Whenever possible 		egrate the evaluation of thi rio. This will allow multip	s line iten le line iter	n within a ns to be e	valuated	ited
	The candidate shall conduct triage to prive f 7 steps, including any steps marked MU				ident. The	;
	inications equipment	ical equipment				
CONDITIONS: Given a hazard	lous materials incident, the candidate sha	ll demonstrate the ability to		— — — —	Dra	
No.	TASK STEPS		FIRST Pass	TEST Fail	Pass	FEST Fail
2. Identify patients to be	d that responders are wearing appropriat triaged. MUST PASS f exposure/contamination. MUST PASS					
	f consciousness and alertness.					
 Assess victim's mobili Assign triage priorities 	ty. based on AHJ approved criteria.					
First Test: Fotal points needed to pass:	5 Total points scored: All M	IUST PASS items passed: Y	Yes	No		
Second Test: Total points needed to pass:	5 Total points scored: All M	IUST PASS items passed: Y	Yes	No		
Evaluator (Print & Sign)	Date	Candidate			Date	

11.4 Action Plan Implementation					T #37
	, 11.4.3 Performing Assigned Roles in ICS, Performing Control Function rm or Direct Defensive Product Control Operations	ons	Create	d: March	12, 2024
Cand	idate: Date:				
Stude	ent#:				
	DARD: 11.4.1, TASK: Perform or direct defensive product control operations at	a hazmat/	WMD in	cident.	
11.4 NFPA		s line iten	n within a	consolida	ated
2022	Edition hazardous materials/emergency scenario. This will allow multiple	le line iter	ns to be e	valuated	
	effectively in conjunction with other hazardous materials/emerge	ency scena	ario activi	ities.	
PERF	ORMANCE OUTCOME: The candidate shall perform or direct defensive product control ope	rations at	a hazmat/	WMD	
incide skill.	ent. The candidate must score 10 out of 14 steps, including any steps marked MUST PASS	to success	fully con	plete this	
Equi	PMENT REQUIRED:				
	PPE/SCBA An assignment in an IAP				
	 AHJ SOPs for product control Tools/equipment for product control Results of incident analysis 				
CONE	DITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to	:			
		FIRST	TEST	RET	ГЕЅТ
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Ensure that the released chemical is identified and that its hazards are understood. MUST PASS				
2.	Identify control requirements. MUST PASS				
3.	Evaluate available defensive product control techniques and select appropriate technique as identified by AHJ.				
4.	Identify and verbalize safety concerns.				
5.	Select appropriate PPE and ensure compatibility. MUST PASS				
6.	Select appropriate tools, equipment and control agents and ensure compatibility.				
7.	Supervise selection of location to efficiently and safely perform the control operation.				
8. 9.	Ensure that hazard monitoring is appropriately performed. MUST PASS Perform (or supervise as responders perform) the defensive product control function as				
).	part of the hazardous materials branch or group organization.				
10.	Ensure that all safety regulations are followed.				
11.	Upon mitigation of the incident, ensure that any contaminated material is placed in an approved container for transportation to a disposal location.				
12.	If appropriate, oversee decontamination of tools, equipment and responders.				
13.	Ensure that tools are inspected and maintained according to manufacturer's requirements.	1			
14.	Ensure that any additional required documentation is completed.				





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



11.4, 11.4.3 Action Plan Implementation, Performing Control Functions 11.4.1, 11.4.3.1, 11.4.3.2 Performing Assigned Functions in ICS, Product Control						
Contr	ol Leaks from Con	tainers and/or Their Closures		Create	d: March	12, 2024
Cand		Date:				
Stude	nt#•					
	DARD: 11.4.1, .3.1, 11.4.3.2	TASK: Control leaks from containers and/or their containers at a	ı hazmat/V	VMD inci	dent.	
NFPA 470, 2022 Edition Proctor Note: Whenever possible integrate hazardous materials/emergency scenario.		Proctor Note : Whenever possible integrate the evaluation of the hazardous materials/emergency scenario. This will allow multip effectively in conjunction with other hazardous materials/emergency scenarios.	le line iter	ns to be e	valuated	ated
		The candidate shall control leaks from containers and/or their closu core 16 out of 20 steps , including any steps marked MUST PASS				
-		 An assignment in an IAP Incident analysis Results of incident analysis product control (capping kits, patching/plugging, sleeve/jackets, pus materials incident, the candidate shall demonstrate the ability to pus materials incident. 	-)		
		·	FIRST TEST		ST TEST RET	
No.		TASK STEPS	Pass	Fail	Pass	Fail
1.	Determine the identity of	of leaking chemical and its hazards. MUST PASS				
2.	· ·	nents and select appropriate technique for leak control.				
3.	Identify and verbalize sa					
4.		and ensure compatibility. MUST PASS				
5.		and ensure compatibility. MUST PASS				
6.		ently and safely perform control operation.				
7.	Complete hazards moni	es to minimize/avoid safety hazards.				
8.	7 1	of the leak. MUST PASS				
9.						
10.		om the container if possible.				
11.		tainer so that the location of the leak is in the vapor space.				
12.		nnected from a process and can be reconnected, reconnect and ne valve stem to dislodge foreign matter from the seat using the				
13.	Tighten or close leaking	valves, closures, packing glands and/or fittings.				
14.	If leak persists, determine sleeve or clamp should	ne if leak should be capped, patched or plugged or if a jacket, be applied.				
15.	Select appropriate tools	or kit and apply as per the manufacturer's instructions.				
16.	Monitor the container to	ensure the leak is controlled. MUST PASS				
17.	Communicate observati	ons to Hazardous Materials Branch Director.				
18.	If appropriate, ensure de	econtamination of tools, equipment and responders.				
19.	Inspect and maintain too	ols and equipment as per the manufacturer's recommendations.	1			



20. Complete any necessary reports of	r documentation for pro	oduct control operations.				
First Test:						
Total points needed to pass: 10 Total	points scored:	_ All MUST PASS items passed: `	Yes	No		
Second Test:						
	I mainta accurado	All MUCT De constante maggade	Vac	Na		
Total points needed to pass: 10 Tota	i points scored:	All MUST PASS items passed:	1 es	NO		
Evaluator (Print & Sign)	Date	Candidate			Date	
Re-Test Evaluator	D-4-	Re-Test Candidate			Data	
Re-rest Evaluator	Date	re-rest Candidate			Date	
Proctor/Candidate Comments:						

entre Professional Contribution

	11.4.3 Action Plan Implementation, Performing Control Functions , 11.4.3.1, 11.4.3.2 Performing Assigned Functions in ICS, Product Cont	trol		PR- HN	
Perfo	rm Remote Valve Shutoff or Activate Emergency Shutoff Device		Create	d: March	12, 2024
	idate: Date:				
Stude	ent#:				
11.4 NFPA	DARD: 11.4.1,4.3.1, 11.4.3.2A470,EditionProctor Note: Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multiple effectively in conjunction with other hazardous materials/emerger	line item e line iten	within a ns to be e	consolida valuated	
hazma	ORMANCE OUTCOME: The candidate shall perform remote valve shutoff or activate emerge at/WMD incident. The candidate must score 7 out of 11 steps , including any steps marked N lete this skill.	ncy shuto	off device	at a	
	 PPE/SCBA AHJ SOPs for product control Tools/equipment for product control An assignment in an IAP Results of incident analysis Emergency remote shutoff device 				
		FIRST	TEST	RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail
1.	Determine identity of released chemical and its hazards. MUST PASS				
2.	Identify control requirements.				
3.	Select appropriate technique for product control as identified by the AHJ. MUST PASS				
4.	Identify and verbalize safety concerns.				
5.	Select appropriate PPE and ensure compatibility. MUST PASS				
6.	Identify and locate the emergency remote control valve and/or emergency shutoff device.				
7.	Operate the remote control valve and/or emergency shutoff device properly. MUST PASS				
8.	Monitor the container to ensure the leak is controlled. MUST PASS				
9.	If appropriate, ensure decontamination of tools, equipment and responders.				
10.	Ensure that tools are inspected and maintained according to the manufacturer's requirements.				
11.	Ensure that any additional required documentation is completed.				



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
Proctor/Candidate Comments:	:		



JPR- HMT #40

11.4, 11.4.3 Action Plan Implementation, Performing Control Functions

Cand	lidate:	Date:				
Stude	ent#:					
STANDARD: 1 1 . 4 . 1 , 1 1 . 4 . 3 . 3 NFPA 470, 2022 EditionTASK: Transfer or overpack a leaking gas cylinder to an emer (ERCV) at a hazmat/WMD incident.Proctor Note: Whenever possible integrate the evaluation of hazardous materials/emergency scenario. This will allow mul effectively in conjunction with other hazardous materials/emergence				n within a ns to be e	consolida valuated	
contai	ORMANCE OUTCOME: The candidate shall transfer or overpack a leaking ginment vessel (ERCV) at a hazmat/WMD incident. The candidate must sco ed MUST PASS to successfully complete this skill.	gas cylinder to an	emergen	cy respons	se	
-	PMENT REQUIRED:• PPE/SCBA• An assignment in a• AHJ SOPs for product control• Results of incident• Tools/equipment for product control• Leaking gas cylind	analysis er (prop)	co	nergency r ntainment		RCV)
CONE	DITIONS: Given a hazardous materials incident, the candidate shall demonst	rate the ability to:	to: FIRST TEST		RET	TEST
No.	TASK STEPS		Pass	Fail	Pass	Fail
1.	Identify the gas and determine its hazards. MUST PASS					
2.	Identify control requirements and select appropriate technique for product identified by the AHJ.	control as				
3.	Identify and verbalize safety concerns.					
4.	Select appropriate PPE and ensure compatibility. MUST PASS					
5.	Select appropriate tools and equipment and ensure compatibility. MUST I	PASS				
6. 7.	Select the location to efficiently and safely perform the control operation. Complete hazards monitoring requirements. MUST PASS					
7. 8.	Follow safety procedures to minimize/avoid safety hazards.					
9.	If the leak is on the side or on the bottom of the cylinder, place the cylinder Horizontal position with the leak in the vapor space.	er in the				
10.	Following manufacturer's instructions, inspect and prepare the recovery vertice the leaking cylinder.	essel to				
11.	Move the recovery vessel into position directly in front of the leaking cylin loosen the T-bolts.	nder and				
12.	Position the leaking cylinder to slide the bottom first inside of the recovery Slide the leaking cylinder, bottom first, into the recovery vessel. MUST P					
13.	Close the hinged cover by positioning the lid evenly on the mating sealing assure proper sealing.	surface to				
14.	Stand on the sides to swing the T-bolts into position and alternately tighter Snugly until the lid is secure.	n the bolts				



16.	Check for leaks. MUST PASS		
17.	Check the hinged lid sealing joint for leaks. If leaking, tighten the T-bolts again in an alternating manner.		
18.	Consult with the cylinder supplier and arrange for disposal.		
19.	Communicate observations to Hazardous Materials Branch Director or appropriate supervisor.		
20.	If appropriate, ensure decontamination of tools, equipment and responders.		
21.	Ensure that tools and equipment are properly inspected and maintained according to manufacturer's requirements.		
22.	Complete and necessary reports or documentation.		

First Test:

Total points needed to pass: 17	7 Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 1	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
Proctor/Candidate Comment	s:		



JPR- HMT #41

11.4, 11.4.3 Action Plan Implementation, Performing Control Functions

Dverpack a Nonbulk Container and/or a Radioactive Materials Package Candidate:			
STANDARD: 1 1 . 4 . 1 , 1 1 . 4 . 3 . 3 NFPA 470, 2022 Edition TASK: Overpack a nonbulk container and/or a radioactive materials package a incident. Proctor Note: Whenever possible integrate the evaluation of this line item with hazardous materials/emergency scenario. This will allow multiple line items to effectively in conjunction with other hazardous materials/emergency scenario. The candidate must complete the <i>Initial Steps</i> for this skill; the proctor will coverpacking. PERFORMANCE OUTCOME: The candidate shall overpack a nonbulk container and/or a radioactive materials p hazmat/WMD incident. The candidate must complete and score 7 out of 10 steps for <i>Initial Actions</i> , including marked MUST PASS to successfully complete this skill. The candidate must score 6 out of 9 steps for <i>Slide-in</i> including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of <i>Rolling Slide-in Method</i> , including any steps marked MUST PASS to successfully complete EQUIPMENT REQUIRED:			
 11.4.3.3 NFPA 470, 2022 Edition Proctor Note: Whenever possible integrate the evaluation of this line item with hazardous materials/emergency scenario. This will allow multiple line items to effectively in conjunction with other hazardous materials/emergency scenario. The candidate must complete the <i>Initial Steps</i> for this skill; the proctor will coverpacking. PERFORMANCE OUTCOME: The candidate shall overpack a nonbulk container and/or a radioactive materials p hazmat/WMD incident. The candidate must complete and score 7 out of 10 steps for <i>Initial Actions</i>, including marked MUST PASS to successfully complete this skill. The candidate must score 6 out of 9 steps for <i>Slide-in</i> including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of <i>Rolling Slide-in Method</i>, including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of <i>Rolling Slide-in Method</i>, including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of <i>Rolling Slide-in Method</i>, including any steps marked MUST PASS to successfully complete this skill. The cardidate must score 6 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete EQUIPMENT REQUIRED: 			
 2022 Edition Proctor Note: Whenever possible integrate the evaluation of this line item with hazardous materials/emergency scenario. This will allow multiple line items to effectively in conjunction with other hazardous materials/emergency scenario. The candidate must complete the <i>Initial Steps</i> for this skill; the proctor will coverpacking. PERFORMANCE OUTCOME: The candidate shall overpack a nonbulk container and/or a radioactive materials p hazmat/WMD incident. The candidate must complete and score 7 out of 10 steps for <i>Initial Actions</i>, including marked MUST PASS to successfully complete this skill. The candidate must score 6 out of 9 steps for <i>Slide-in</i> including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of 8 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully complete this score 5 out of 9 steps for <i>Slip-Over Method</i>, including any steps marked MUST PASS to successfully compl		nat/WM	D
hazmat/WMD incident. The candidate must complete and score 7 out of 10 steps for <i>Initial Actions</i> , including marked MUST PASS to successfully complete this skill. The candidate must score 6 out of 9 steps for <i>Slide-in</i> including any steps marked MUST PASS to successfully complete this skill. The candidate must score 7 out of <i>Rolling Slide-in Method</i> , including any steps marked MUST PASS to successfully complete this skill. The can score 6 out of 9 steps for <i>Slip-Over Method</i> , including any steps marked MUST PASS to successfully complete EQUIPMENT REQUIRED:	to be eval activitie	aluated es.	
	g any step in Method of 10 step andidate n	ps od, ps for must	
 PPE/SCBA AHJ SOPs for product control Tools/equipment for product control AHJ SOPs for product control An assignment in an IAP Results of incident analysis Overpack container Labeling 	s, pipes, v	wedges	oactive
CONDITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to:			
NO. TASK STEPS FIRST TES		RETEST Pass Fa	
Initial Actions	Fail	1 455	Fan
1. Determine identity of released chemical and its hazards. MUST PASS			
2. Identify control requirements and select appropriate technique for product control as identified by the AHJ.			
3. Identify and verbalize safety concerns.			
4. Select appropriate PPE and ensure compatibility. MUST PASS			
5. Select appropriate tools and ensure compatibility. MUST PASS			
6. Select location to efficiently and safely perform the control operation.			
7. Complete hazards monitoring requirements.			
8. Follow safety procedures to minimize/avoid safety hazards.			
9. Avoid direct contact with the hazardous material to the extent possible, including residue On the patched container or package.			
10. Place the damaged container or package in appropriate position using safe lifting techniques. MUST PASS			
Slide-in Method			
1. Using a wedge, place the container or package onto a board or piece of pipe using safe lifting techniques.			



2.	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		
3.	several inches. As the overpack container is held in place, team member(s) grasps the top of the damaged		
5.	container or package and rolls/slides it on to the pipe into the overpack container.		
4.	Lift the overpack container into an upright position using safe lifting techniques and attach the overpack container lid. MUST PASS		
5.	Close overpack container per manufacturer's instructions.		
6.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
7.	Communicate observations to Hazardous Materials Branch Director or appropriate supervisor.		
	If appropriate, ensure decontamination of tools, equipment, and responders and that tools and equipment are properly inspected and maintained.		
9.	Complete any necessary reports or documentation.		
	Rolling Slide-in Method		
	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.		
2.	Ensure that the area in front of the container or package is clear of obstructions.		
3.	Roll both containers or packages and overpack container so that the damaged container or package is inserted into the overpack container.		
4.	Repeat Steps 20-22 to get majority of container or package into the overpack container.		
5.	Lift the overpack container into an upright position using safe lifting techniques and attach the overpack container lid. MUST PASS		
6.	Close the overpack container per manufacturer's instructions.		
7.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
8.	Communicate observations to Hazardous Materials Branch Director or appropriate supervisor.		
9.	If appropriate, ensure decontamination of tools, equipment, and responders and that tools and equipment are properly inspected and maintained.		
10.	Complete any necessary reports or documentation.		
	Slip-Over Method		
1.	Stand the damaged container or package using safe lifting techniques.		
2.	Turn overpack container upside down and place over the damaged container or package.		
3.	With the damaged container or package inside the overpack container, carefully lay the overpack container on its side.		
4.	Lift the overpack container into an upright position using safe lifting techniques and attach the overpack container lid. MUST PASS		
5.	Close the overpack container as per manufacturer's instructions.		
6.	Mark and label the overpack container according to appropriate regulations and AHJ's SOPs.		
7.	Communicate observations to Hazardous Materials Branch Director or appropriate supervisor.		



R	e-Test Evaluator	Date	Re-Test Candidate	Date
Evalu	ator (Print & Sign)	Date	Candidate	Date
Second Total poi		Total points scored:	All MUST PASS items passed: Yes	No
First Te s Total poi			Over Method All MUST PASS items passed: Yes	No
Second 7 Total poi		Total points scored:	All MUST PASS items passed: Yes	No
First Te s Total poi		-	Slide-in Method All must pass items passed: Yes	No
Second Total poi		Total points scored:	All MUST PASS items passed: Yes	No
First Tes Total poi			e-in method _ All мизт pass items passed: Yes	No
Total poi	ints needed to pass: 7		All MUST PASS items passed: Yes	No
Second 7				
First Tes Total poi			tial Actions _ All MUST PASS items passed: Yes	No
9.	and equipment are proper Complete any necessary	reports or documentation for p	product control operations.	



· · ·	11.4.3 Action Plan Implementation, Performing Control Functions , 11.4.3.4 Performing Assigned Functions in ICS, Liquid Product Trans	sfer		PR- HM			
Cond	uct Liquid Transfer Operations Involving a Leaking Non-Pressure Con	tainer	Create	d: March 1	12, 2024		
Cand	idate: Date:						
Stude	nt#:						
11.4 NFPA	Edition Proctor Note : Whenever possible integrate the evaluation of this hazardous materials/emergency scenario. This will allow multiple	s line iten e line iter	n within a ns to be e	consolida valuated	ted		
	DRMANCE OUTCOME: The candidate shall conduct liquid transfer operations involving a le nzmat/WMD incident. The candidate must score 25 out of 32 steps, including any steps mar	aking nor	n-pressure	container			
succes	ssfully complete this skill.						
Equi	PMENT REQUIRED:• PPE/SCBA• Leaking hazmat container (prop)• AHJ SOPs for product control• Recovery container• Assignment in IAP• Transfer operations tools• Results of incident analysis• Placards/labels						
COND	ITIONS: Given a hazardous materials incident, the candidate shall demonstrate the ability to	:					
No	Theory Company	FIRST TEST		Ret	RETEST		
No.	TASK STEPS	Pass	Fail	Pass	Fail		
1.	Determine identity of released chemical and its hazards. MUST PASS						
2.	Select appropriate technique for product control as identified by AHJ.						
3.	Identify and verbalize safety concerns.						
4.	Select appropriate PPE and confirm compatibility. MUST PASS						
5.	Select appropriate tools and equipment and ensure compatibility. MUST PASS						
6.	Select location to efficiently and safely perform the control operation.						
7.	Complete hazards monitoring requirements.						
8.	Follow safety procedures to minimize/avoid safety hazards.						
	Bond and Ground Containers						
9.	Establish ground field.						
10.	Bond the containers. MUST PASS						
11.	Ground the containers.						
	a. Connect the ground wiring to the damaged container first.						
	b. Connect to the grounding source.						
12.	Verify conductivity to ground and ground system is within specifications.						
	Transfer Liquid Product						
13.	Ensure recovery container is compatible with liquid product. MUST PASS						
14.	Recognize the potential need to suppress vapors.						
15.	Placard, mark and label the recovery container correctly. MUST PASS						
16.	Stand by ready to shut down and purge if any leaks develop, hoses break, pump seal fails, etc.						



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17.	Connect all lines to containers and transfer equipment before opening any product valves.		
18.	Tighten connections.		
19.	Check for potential leaks by pressuring system with air.		
20.	Determine the sequence for opening the valves based on the pressure in the containers and the system being used for the transfer.		
21.	Start the transfer slowly.		
22.	Monitor pumping and/or compression equipment and ensure it is operating within its normal parameters.		
23.	Monitor receiving container(s) to avoid over loading or over filling. MUST PASS		
24.	Make sure the pump / motive equipment is operating correctly.		
25.	After transfer is complete purge lines and pumps.		
26.	Disconnect system.		
27.	When required, install security seals on valves and fittings.		
28.	Inspect for leaks. MUST PASS		
29.	Communicate observations to Hazardous Materials Branch Director or appropriate supervisor.		
30.	If appropriate, ensure decontamination of tools, equipment, and responders.		
31.	Inspect and maintain tools and equipment per manufacturer's recommendations and SOPs.		
32.	Complete any necessary reports or documentation for product control operations.		

First Test:

Total points needed to pass: 25 Total points scored: All MUST PASS items passed: Yes No	Total points needed to pass: 25 Total points scored:	All MUST PASS items passed: Yes No	
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Second Test:

Total	points needed to	pass: 25	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:			

11.6 Terminating the Incident 11.6.1 Incident Debrief, Analysis and Critique

Participate in an Incident Debriefing, Analysis and Critique

Candidate:

Student#:

TASK: Participate in an incident debriefing, analysis and critique at a hazmat/WMD incident. 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 participate in an incident debriefing, analysis and critique at a hazmat/WMD incident. The candidate must score **6 out of 8 steps**, including any steps marked **MUST PASS** to successfully complete this skill.

EQUIPMENT REQUIRED:

- AHJ SOPs
- Assignment in IAP
- Incident information (objectives, strategies/tactics, etc.)
- Forms for documentation and reporting

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

No	The set Common		FIRST TEST		RETEST	
No.	TASK STEPS	Pass	Fail	Pass	Fail	
	Debriefing					
1.	Provide assistance in ensuring a quiet, distraction free on-scene environment.					
2.	Communicate operational observations regarding:					
	a. Who responded to the incident?					
	b. What operations took place?					
	c. When did operations take place?					
	d. Were operations successful?					
	e. Were there any injuries? And how were they treated?					
3.	Communicate materials that individuals were possibly exposed to, signs and symptoms of					
	possible exposure, and appropriate follow-up medical care. MUST PASS					
4.	Participate in evaluation of Site Safety Plan, when appropriate.					
	Post-Incident Analysis and Critique					
5.	Participate in gathering information, completing reports, and assembling information for the analysis. MUST PASS					
6.	Communicate your observations regarding					
	a. What did we do well?					
	b. Where do we need to improve?					
	c. What have we learned?					
7.	As appropriate, offer your suggestions for improvement.					
8.	As assigned, complete, forward, and file required reports, records, and supporting documents.					



JPR- HMT #43

Created: March 12, 2024

Date: _____



First Test: Total points needed to pass: 6	Total points scored:	All MUST PASS items passed: Yes	No
Second Test: Total points needed to pass: 6	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	s:		