SKILL SHEETS



The following skills sheets are meant to be printed double-sided. This allows the candidate to view the instructions and description without viewing the steps.

Practice sheets only; excludes scenarios and equipment.



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### Determine incident status

Required personnel: 0 Assistants

### Skill Sheet 1

Standard:	Task (read aloud): Implement the response to a HM/WMD incident, determine and			
5.6.1	communicate the status of the incident.			
NFPA 1072, 2017				
edition				
Candidate directive (read	Candidate directive (read aloud): Given a simulated Hazmat incident, your task is to verbalize the steps to implement a			
planned response to a HN	planned response to a HM/WMD incident then determine and communicate the status using approved			
communications tools and equipment.				
NFPA requisite skill 5.6.1: Determining incident status, determining whether the response objectives are being				
accomplished, using approved communications tools and equipment, and communicating the status of assigned				
tasks.				
Required equipment: ERG, command board or pen and paper				



### Determine incident status

### Skill Sheet 1

			ne response to a HM/WMD incident,				
NFPA	1072, 2017 edition	determine and comr	nunicate t	the status	of the inc	ident.	
NO.	TASK STEPS		FIRST	TEST	RETEST		
			Pass	Fail	Pass	Fail	
1.	Acknowledge the task assignment to evaluator.						
2.	Take command and initiate the ICS system.						
3.	Establish scene control procedures and zones.						
4.	Establish response objectives.		·				
5.	Inspect and select appropriate PPE for associated hazard prior to						
	initiating IAP.						
6.	Preserve evidence where criminal or terrorist acts are suspected.						
7.	Make proper notifications and status of assigned tasks utilizing						
	approved communications tools and equipment according to SOP's and						
	the State Plan.						
8.	Determine whether response objectives are being	accomplished.					
9.	9. Terminate the incident by completing the reports and documentation including PPE used.						
10.	Notify evaluator when task is complete.						
	Did candidate complete skill swiftly, safely, and wit	h confidence?					
Evalua	ator/candidate comments:						



### Identify containers and materials

#### Skill Sheet 2

Standard:	Task (read aloud): Identifying hazardous materials, containers, and pipeline markings.
5.2.1 NFPA 1072,	
2017	
edition	

Candidate directive (read aloud): Given a picture of a hazardous materials placard, pipeline warning sign or container and current weather conditions your task is to identify the container and material and describe the behavior, hazards and possible outcomes associated with that behavior and current conditions.

**NFPA requisite skill 5.2.1:** Identifying container types, materials, location of release, and surrounding conditions at a hazardous materials/WMD incident, collecting hazard information, communicating with pipeline operators or carrier representatives, describing the likely behavior of the hazardous materials or WMD and its container, and describing the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions.

**Required equipment:** Pictures of 4 various containers, a placard, a pipeline warning sign or shipping papers and an ERG.

Required Personnel: 0 Assistants



### Identify containers and materials

Evaluator/candidate comments:

#### Skill Sheet 2

Stand	lard: 5.2.1 NFPA 1072, 2017 edition	Task: Identifying hapipeline markings.	izardous m	aterials,	containers	s, and
NO.	TASK STEPS		FIRST	TEST	RET	EST
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to Evaluator.					
2.	State the required equipment needed (Full PPE, ER	G, Binoculars).				
3.	Identify from pictures provided 4 container types.					
4.	(Show Candidate the 4 pictures provided and have the candidate identify all 4 types. Then evaluator selects one from this list to complete skill sheet).  A.  B.  C.  D.					
5.	Utilizing an ERG, SDS, or shipping papers, identify the materials involved in the incident and potential hazards.					
6.	Describe likely behavior of the Hazardous Material/	WMD.				
7.	Describe the likely harm and outcomes associated with that behavior and current conditions.					
8.	Communicate with carriers, or pipeline operators the hazards and status of the incident.					
9.	Notify evaluator task is complete.					
	Did candidate complete skill swiftly, safely, and with confidence?					



### **Emergency decontamination**

#### Skill Sheet 3

<b>Standard:</b> 5.3.1, 5.5.1 NFPA 1072, 2017 edition	Task (read aloud): Correctly perform emergency
	decontamination of a victim

**Candidate directive (read aloud):** Given a scenario you shall demonstrate the ability to correctly provide emergency decontamination on a firefighter while utilizing the appropriate PPE.

**NFPA requisite skill 5.5.1:** Selecting an emergency decontamination method, setting up emergency decontamination in a safe area, using PPE in the proper manner, implementing emergency decontamination, preventing spread of contamination, and avoiding hazards during emergency decontamination.

**Required equipment:** Appropriate PPE, a designated emergency decon area, a selection of hand tools, and a source of clean, room temperature water.

Required personnel:1 Assistant



### Emergency decontamination

Evaluator/candidate comments:

### Skill Sheet 3

Stand	lard: 5.3.1. 5.5.1 NFPA 1072, 2017 edition	Task: Correctly pe a victim.	erform eme	ergency d	econtamir	nation of
NO.	TASK STEPS		FIRST TEST		RETEST	
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Establish a safe area and select the appropriate m	nethod of emergency				
3.	decon to minimize and avoid the hazard.  Inspect and select appropriate PPE for associated hazard prior to beginning decon.					
4.	Stay clear of the product, and do not make physical contact with it when possible.					
5.	Make an effort to contain runoff by directing victims out of the hazard zone and into a suitable location for decontamination.					
6.	Perform gross decon as necessary.					
7.	Instruct and/or assist victims in removing contami	nated clothing.				
8.	Rinse victims with copious amounts of water. Avoid using water that is too warm or too cold; room-temperature water is best.					
9.	Provide or obtain medical treatment for victims and arrange for their transport.					
10.	Complete reports and documentation as required by AHJ.					
11.	Notify evaluator when task is complete.					
	Did candidate complete skill swiftly, safely, and with confidence?					



### Technical decontamination

#### Skill Sheet 4

Skill Sileet 4			
Standard: 6.4.1 NFPA 1072, 2017 edition	Task (read aloud): Perform technical decontamination		
	on a responder.		
Candidate directive (read aloud): Given a scenario you shall se	et up, implement, and evaluate a technical		
decontamination operation while utilizing the appropriate PPE	. (removed demobilize)		
NFPA requisite skill 6.4.1: Selecting and using PPE, selecting a technical decontamination procedure to minimize the			
hazard, setting up and implementing technical decontamination	on operations, evaluating the effectiveness of the		
technical decontamination process, and completing reporting	and documentation requirements.		
Required equipment: Appropriate PPE, a designated technical	decon area with three separate wash stations, a		
selection of hand tools, a source of clean, room temperature v	vater.		
Required personnel: 1 Assistant			



### Technical decontamination

#### Skill Sheet 4

Stand	lard: 6.4.1 NFPA 1072, 2017edition	Task: Perform tech responder.	nnical dec	ontamina	tion on a	
NO.	TASK STEPS		FIRST	TEST	RET	EST
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Select the appropriate method of technical decon to	minimize and avoid				
	the hazard.					
3.	Inspect and select appropriate PPE for associated ha	zard prior to				
	beginning technical decon.					
4.	Establish a safe area and set up and operate a techn	ical decon				
	operation.					
5.	Instruct responder to drop any tools and equipment i	nto a tool drum or				
	onto a designated tarp.					
6.	Perform gross decontamination, if necessary.					
7.	Perform technical decontamination. Wash and rinse	the responder one				
	to three times.					
8.	Remove outer hazardous materials-protective clothi	ng.				
9.	Evaluate the effectiveness of the technical decon pro	cess.				
10.	10. Instruct the responder to proceed to the rehabilitation area for medical					
	monitoring, rehydration, and personal decontaminati	on shower.				
11.	Ensure tools, PPE and equipment are properly decon	taminated.				
12.	Complete reports and documentation as required by	AHJ.				
13.	Notify evaluator when task is complete.					
	Did candidate complete skill swiftly, safely, and with confidence?					

Evaluator/candidate comments:

Evaluator's signature	
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Retest evaluator's signature	
	I acknowledge not passing this skill station.
Candidate's signature	



### Mass decontamination—Ambulatory

#### Skill Sheet 5

Standard:	Task (read aloud): Correctly perform mass decontamination of multiple simulated
6.3.1 NFPA 1072,	ambulatory victims.
2017 edition	

**Candidate directive (read aloud):** Given a scenario you shall set up, implement, and evaluate a mass decontamination operation for ambulatory victims while utilizing the appropriate PPE. (Removed demobilize)

**NFPA requisite skill 6.3.1:** Selecting and using PPE, selecting a mass decontamination method to minimize the hazard, setting up and implementing mass decontamination operations in a safe location, evaluating the effectiveness of the mass decontamination method, and completing required reports and supporting documentation for mass decontamination operations.

**Required equipment:** Appropriate PPE, a designated mass decon area, 1-2 fire apparatus with an established water supply, (water supply may be simulated) fog nozzles, and a selection of hand tools.

Required personnel: 2-3 assistants



Mass decontamination—Ambulatory

۷O.	NFPA 1072, 2017 edition mu TASK STEPS	ultiple simulated		TEST		EST
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Select the appropriate method of mass decon to and avoid the hazard.	o minimize				
3.	Inspect and select appropriate PPE for associate prior to beginning mass decon.	ed hazard				
4.	Establish a safe area and set up and operate a operation based on the number and type of app equipment and/or system available.					
5.	Direct victims out of the hazard zone and into the mass decontamination area.	ne established				
6.	Instruct victims to remove their contaminated cl walk through the decontamination corridor.	lothing and				
7.	Stay clear of the product, and do not make phys with it.	sical contact				
8.	Flush the contaminated victims with water. (A w temperature of 70°F (21°C) is ideal but may no Try to avoid using water that is uncomfortably he	ot be possible.				
9.	Evaluate the effectiveness of the mass decon p					
10.	Direct the contaminated victims to the triage are evaluation, which may include on-scene treatmetransport to an appropriate receiving hospital.	ea for medical				
11.	Ensure tools, PPE and equipment are properly decontaminated.					
12.	Complete reports and documentation as require	ed by AHJ.				
13.	Notify evaluator when task is complete.					
	Did candidate complete skill swiftly, safely, and confidence?	with				



### Mass decontamination—Non-ambulatory

#### Skill Sheet 6

Orani Onioot O	
Standard:	Task (read aloud): Correctly perform mass decontamination of multiple simulated non-
6.3.1 NFPA 1072,	ambulatory victims.
2017 edition	

**Candidate directive (read aloud):** Given a scenario you shall set up, implement, and evaluate a mass decontamination operation for non- ambulatory victims while utilizing the appropriate PPE. (Removed demobilize)

**NFPA requisite skill 6.3.1:** Selecting and using PPE, selecting a mass decontamination method to minimize the hazard, setting up and implementing mass decontamination operations in a safe location, evaluating the effectiveness of the mass decontamination method, and completing required reports and supporting documentation for mass decontamination operations.

**Required equipment:** Appropriate PPE, a suitable mass decon area, 1-2 fire apparatus with an established water supply, (water supply may be simulated) fog nozzles, Backboard, stokes basket, hose rolls or sawhorses to keep victim off ground and a selection of hand tools.

Required personnel: 2-3 assistants



Mass decontamination—Non-ambulatory

#### Skill Sheet 6

Stand	Standard: 6.3.1 NFPA 1072, 2017 edition  Task: Correctly perform mass decontamination of mul simulated non-ambulatory victims.				multiple	
NO.	TASK STEPS	Simulated non-ambula		TEST	DET	EST
NO.	IASK STEPS		FIRST	IESI	KEI	LOI
1.	Acknowledge the task assignment to evaluator.		Pass	Fail	Pass	Fail
2.	Select the appropriate method of mass decon to minimize and avoid the hazard.					
3.	Inspect and select appropriate PPE for associated habeginning mass decon.					
4.	Establish a safe area and set up and operate a mass decon operation based on the number and type of apparatus, equipment and/or system available.					
5.	Transport victims out of the hazard zone and into the established mass decontamination area.					
6.	Remove the appropriate amount of the victim's clothing. Do not leave any clothing underneath the victim. (Medical trauma scissors are a helpful and rapid way to accomplish this step.)					
7.						
8.	Evaluate the effectiveness of the mass decon proces	S.				
9.	Move the decontaminated victims to the triage area of evaluation, which may include on-scene treatment an appropriate receiving hospital.					
10.	Stay clear of the product, and do not make physical contact with it when possible.					
11.	Ensure tools, PPE and equipment are properly decontaminated.					
12.	Complete reports and documentation as required by	AHJ.				
13.	Notify evaluator when task is complete.					
	Did candidate complete skill swiftly, safely, and with	confidence?				
Evalua	ator/candidate comments:					



### Donning a level B protective ensemble

### Skill Sheet 7

Standard:	Task (read aloud): Correctly don a Level B non-encapsulated chemical-protective clothing
6.2.1 NFPA 1072,	ensemble.
2017 edition	
Candidate directive (read	aloud): Given a Level B non-encapsulated suit, helmet, gloves, boots, and SCBA and while
guiding an assistant	

you will don a Level B non-encapsulated chemical-protective clothing ensemble.

NFPA requisite skill 6.2.1: Selecting PPE for assignment, inspecting, maintaining, storing, donning, working in, and doffing PPE, going through decontamination (emergency and technical) while wearing PPE, and reporting and documenting the use of PPE.

Required equipment: Level B suit, helmet, inner and outer gloves, boots, and full SCBA.

Required personnel: 1 assistant



### Donning a level B protective ensemble

Evaluator/candidate comments:

#### Skill Sheet 7

Stand	Standard: 6.2.1 NFPA 1072, 2017 edition  Task: Correctly don a Level B non-encapsulated chemic protective clothing ensemble.			emical-		
NO.	TASK STEPS	ļ	FIRST TEST		RETEST	
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Conduct a pre-entry briefing and medical monitoring.					
3.	Select the appropriate PPE based on the contaminan donning, ensure it was stored correctly and has been (Grammatical correction)	maintained.				
4.	Sit down, pull on the suit to waist level; pull on the chemical boots over the top of the chemical suit. Pull the suit boot covers over the tops of the boots.					
5.	Don the inner gloves.					
6.	With assistance, complete donning the suit by placing the suit and pulling the suit over the shoulders.	g both your arms in				
7.	Instruct the assistant to close the chemical suit by close sealing the splash flap.	osing the zipper and				
8.	Don the SCBA frame and SCBA face piece, open valve connect the regulator to the face piece.	e on bottle, but do not				
9.	With assistance, pull the hood over the head and SCE	BA face piece.				
10.	Place the helmet on the head.	•				
11.	Pull the outer gloves over or under the sleeves, deper situation.	nding on the				
12.	Instruct the assistant to connect the regulator to the sensure that the air flow is working correctly.	SCBA face piece and				
13.	Review hand signals and indicate that you are okay.					
14.	Notify evaluator task is complete.					
	Did candidate complete skill swiftly, safely, and with o	confidence?				



### Doffing a level B protective ensemble

### Skill Sheet 8

Standard:	Task (read aloud): Correctly doff a Level B non-encapsulated chemical-protective clothing				
6.2.1 NFPA 1072,	ensemble.				
2017 edition					
Candidate directive (read aloud): Given a simulated hazardous materials incident and decon corridor and while guiding					
an assistant (you)					
will go through decon and doff a Level B non-encapsulated chemical-protective clothing ensemble.					
NEDA vasculaita abill C.O.4	Colosting DDE for analysis and increasing maintaining storing domaing working in and				

**NFPA requisite skill 6.2.1:** Selecting PPE for assignment, inspecting, maintaining, storing, donning, working in, and doffing PPE, going through decontamination (emergency and technical) while wearing PPE, and reporting and documenting the use of PPE.

Required equipment: Simulated decon corridor, Level B suit, helmet, inner and outer gloves, boots, and full SCBA.

Required personnel: 1 assistant



### Doffing a level B protective ensemble

#### Skill Sheet 8

Standard: 6.2.1 NFPA 1072, 2017 edition  Task: Correctly doff a Level B non-encapsulated chem protective clothing ensemble.			emical-			
NO.	TASK STEPS	protective clothing ens		TEST	DET	EST
NO.	IASK SIEFS		Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.		1 433	i an	1 433	T GII
2.	Report to decon area for emergency and technical d	econ as needed.				
3.	Drop any tools and equipment into a tool drum or or					
4.	Go off air, Doff the SCBA frame. Keep the face piece					
	SCBA frame is held or placed on the ground. (clarific	•				
5.	Doff helmet.	,				
6.	Instruct the assistant to open the chemical splash fl	ap and suit zipper.				
7.	Remove your hands from the outer gloves and arms	from the sleeves and				
	cross your arms in front inside the suit.					
8.	Instruct the assistant to begin at the head and roll the	ne suit down and away				
	until the suit is below waist level.					
9.	Sit down and instruct the assistant to complete rolling	ng down the suit to the				
	ankles. Step out of the outer boots and suit.					
10.	Doff the SCBA face piece.					
11.	Carefully peel off the inner gloves.					
12.	Report to the rehabilitation area for medical monitor	ring, rehydration, and				
4.0	personal decontamination shower.					
13.	Ensure all PPE is properly maintained and stored.					
14.						
4.5	noting any deficiencies.					
15.	Notify evaluator task is complete.	('.1 0				
	Did candidate complete skill swiftly, safely, and with confidence?					
Evaluator/candidate comments:						



#### Perform defensive actions

#### Skill Sheet 9

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Standard:	Task (read aloud): Perform selected defensive actions.
6.6.1 NFPA 1072,	
2017 edition	

**Candidate directive (read aloud):** Given a simulated hazardous materials spill or leak you will properly demonstrate the two methods of defensive control actions selected by the evaluator.

**NFPA requisite skill 6.6.1:** Selecting and using PPE, selecting and performing product control techniques to confine/contain the release with limited risk or personal exposure, using approved control agents and equipment on a release involving hazardous materials/WMD, using remote control valves and emergency shutoff devices on cargo tanks and intermodal tanks in transportation and containers at fixed facilities, and performing product control techniques.

**Required equipment:** Full PPE, Loose soil or absorbent, absorbent pads, booms, selection of shovels and brooms, short pieces of pipe for dams, photo of a remote shutoff valve on a cargo container or fixed facility.

Required personnel: 0 assistants



### Perform defensive actions

Evaluator/candidate comments:

### Skill Sheet 9

Stand	Standard: 6.6.1 NFPA 1072, 2017edition Task: Perform selected defensive actions.					
NO.	TASK STEPS		FIRST	TEST	RET	EST
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Select and don the appropriate PPE based on the co	ontaminant.				
3.	<ul> <li>Damming/Diking/Diverting/Dilution/Absorption/Refevaluator chooses two of the listed methods.</li> <li>A) Construct a retention.</li> <li>B) Construct a dike.</li> <li>C) Construct a diversion dam.</li> <li>D) Apply absorbent pads, booms, or other absorbe</li> <li>E) Demonstrate appropriate dilution procedure.</li> <li>F) Construct an overflow dam.</li> <li>G) Construct an underflow dam.</li> <li>H) Describe operating a remote shutoff valve on a tank or containers at fixed facilities.</li> </ul>	nt material.				
4.	Determine the status and effectiveness of defensive accomplish the response objective.	e actions taken to				
5.	Communicate that status to the Incident Commander through the chain of command.					
6.	Notify evaluator task is complete.					
	Did candidate complete skill swiftly, safely, and with	confidence?				

Evaluator's signature

Retest evaluator's signature



### Vapor dispersion

#### Skill Sheet 10

Standard:	Task (read aloud): Correctly utilize vapor dispersion as a product control solution.						
6.6.1 NFPA 1072,							
2017 edition							
Candidate directive (read	aloud): Given a hazardous materials scenario with a simulated vapor release your task is to						
perform vapor dispersion	perform vapor dispersion.						
NFPA requisite skill 6.6.1	NFPA requisite skill 6.6.1: Selecting and using PPE, selecting and performing product control techniques to						
confine/contain the release with limited risk or personal exposure, using approved control agents and equipment on a							
release involving hazardous materials/WMD, using remote control valves and emergency shutoff devices on cargo							
tanks and intermodal tanks in transportation and containers at fixed facilities, and performing product control							
techniques.	techniques.						
Required equipment: Sim	Required equipment: Simulated vapor release Full PPF SCBA Pumper hoseline for nozzle gas monitoring						

equipment.

Required personnel: 1 assistant



### Vapor dispersion

Evaluator/candidate comments:

Skill Sheet 10

Standard: 6.6.1 NFPA 1072, 2017edition  Task: Correctly utilize vapor dispersion as a product control solution.			ct			
NO.	TASK STEPS	control solution.	FIRST TEST		RET	EST
			Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Select and don the appropriate PPE based on the co	ontaminant.				
3.	Based on the characteristics of the released material, the size of the release, and the topography, determine the viability of a dispersion operation.					
4.	Use the appropriate monitoring instrument, such as a combustible gas indicator, photo-ionization detector, or multi-gas meter, to determine the boundaries of a safe work area.					
5.	Ensure that ignition sources in the area have been r	removed or controlled.				
6.	Apply a water spray (from firefighting hose lines) from a distance to disperse vapors.					
7.	Monitor the environment and determine the status and effectiveness of defensive actions taken to accomplish the response objective.					
8.	Communicate that status to the Incident Commander through the chain of command.					
9.	Notify evaluator task is complete.					
	Did candidate complete skill swiftly, safely, and with	confidence?				



### Vapor suppression

#### Skill Sheet 11

Standard:	Task (read aloud): Correctly utilize foam for vapor suppression as a product control solution.
6.6.1 NFPA 1072,	
2017 edition	

**Candidate directive (read aloud):** Given a hazardous materials scenario with a simulated flammable liquid spill your task is to perform vapor suppression.

**NFPA requisite skill 6.6.1:** Selecting and using PPE, selecting and performing product control techniques to confine/contain the release with limited risk or personal exposure, using approved control agents and equipment on a release involving hazardous materials/WMD, using remote control valves and emergency shutoff devices on cargo tanks and intermodal tanks in transportation and containers at fixed facilities, and performing product control techniques.

**Required equipment:** Simulated chemical spill, Full PPE, SCBA, Pumper, hoseline, fog nozzle, foam eductor, foam concentrate or dish soap, gas monitoring equipment.

Required personnel: 1 assistant



### Vapor suppression

Evaluator/candidate comments:

**Skill Sheet 11** 

Standard: 6.6.1 NFPA 1072, 2017edition  Task: Correctly utilize foam for vapor suppression			as a			
NO.	TASK STEPS	product control solution		FIRST TEST		EST
110.	Moreoters		Pass	Fail	Pass	Fail
1.	Acknowledge the task assignment to evaluator.					
2.	Select and don the appropriate PPE based on the co	ontaminant.				
3.	Based on the characteristics of the released material, the size of the leak, and the topography, determine the viability of a vapor suppression operation.					
4.	Use the appropriate gas detection instrument to determine the boundaries of a safe work area.					
5.	Ensure that ignition sources in the area have been removed or safely controlled.					
6.	Apply appropriate type of foam from a safe distance (foam may be simulated with water only)	to suppress vapors.				
7.	Have candidate demonstrate the following techniques of foam application:  A. Rain-down  B. Roll-in  C. Bounce-off					
8.	Monitor and determine the status and effectiveness taken to accomplish the response objective.	of defensive actions				
9.	Communicate that status to the Incident Command command.	er through the chain of				
10.	Notify evaluator task is complete.					
	Did candidate complete skill swiftly, safely, and with	confidence?				