

West Virginia Public Service Training
HAZARDOUS MATERIALS AWARENESS PERFORMANCE EVALUATION



JPR Task: Use the Department of Transportation's Emergency Response Guidebook				
Skill No. HMO-1	PERFORMANCE CRITERIA AND INSTRUCTIONS			
INSTRUCTIONS TO THE MONITOR/EVALUATOR				
Candidate shall be provided with the following:				
<ol style="list-style-type: none"> 1. Emergency Response Guidebook. 2. Chemical name or four digit UN ID number for a chemical. 				
INSTRUCTIONS TO THE CANDIDATE				
"The candidate shall be able to properly use the Department of Transportation's Emergency Response Guidebook."				
Minimum PPE: NA				
PERFORMANCE				
			YES	NO
C	1. Identifies the chemical name and/or the chemical identification number for the suspect material.			
	2. Looks up the material name in the appropriate section. Uses the yellow section to obtain information by the chemical identification number or the blue section to obtain information by the alphabetical chemical name.			
	3. Determines the correct emergency action guide to use for the chemical identified.			
	4. Identifies the isolation distance and the protective actions required for the chemical identified.			
	5. Identifies the potential hazards of the chemical identified.			
	6. Identifies the emergency response of the chemical identified.			
TOTALS				
C = Critical Step		PASS _____	CANDIDATE MUST COMPLETE 5 STEPS TOTAL TO PASS SKILL.	
Failure on this step mandates failure on task!		FAIL _____		
NFPA 1072, 2017 Edition Objective(s): 4.2.1, 4.3.1, 4.4.1		TEST DATE _____ LOCATION: _____		
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JPR Task: Implementing the Planned Response Emergency Decontamination

Skill No.HMO-2 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:
 1. An operating emergency decon (Determined by AHJ)

INSTRUCTIONS TO THE CANDIDATE

"The student shall be able to properly perform emergency decontamination on a victim who has been contaminated with a product."

Minimum PPE: Structural PPE including SCBA

PERFORMANCE

		YES	NO
C	1. Properly protect self with appropriate PPE.		
C	2. Stay out of visible product.		
	3. Direct victims to an area suitable for emergency decon away from the hazard area. Should be able to contain runoff.		
	4. Verbalizes instructing or assisting victims in removal of contaminated clothing.		
	5. Rinse victims with copious amounts of water.		
	6. Provide area for victims to redress with non-contaminated clothing.		
	7. Instruct victims to move towards the cold zone.		
	8. Instruct victims to proceed to medical treatment and/or transport.		
TOTALS			

C = Critical Step
 Failure on this step mandates failure on task!

PASS _____
 FAIL _____

CANDIDATE MUST COMPLETE 6 STEPS TOTAL TO PASS SKILL.

NFPA 1072, 2017 Edition Objective(s): 5.5.1	TEST DATE _____ LOCATION: _____ EVALUATOR NAME (Print) _____ EVALUATOR SIGNATURE: _____
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JPR Task: Mission Specific Mass Decontamination			
Skill No.HMO-3	PERFORMANCE CRITERIA AND INSTRUCTIONS		
INSTRUCTIONS TO THE MONITOR/EVALUATOR			
Candidate shall be provided with the following:			
1. Equipment to set up mass decon system based on the situation. (Determined by AHJ)			
INSTRUCTIONS TO THE CANDIDATE			
"The student shall be able to properly perform emergency decontamination on a victim who has been contaminated with a product."			
Minimum PPE: Structural PPE including SCBA			
PERFORMANCE			
		YES	NO
C	1. Properly protect self with appropriate PPE.		
C	2. Stay out of visible product.		
	3. Direct victims to an area suitable for emergency decon away from the hazard area. Should be able to contain runoff.		
	4. Set up the appropriate type of mass decontamination system based on the type of apparatus, equipment, and/or system available.		
	5. Verbalizes instructing or assisting victims in removal of contaminated clothing.		
	6. If victim is nonambulatory, will have to assist or remove contaminated clothing. Be sure to remove all clothing from victim. If nonambulatory, provide for means to move victim through decontamination corridor then to triage and medical treatment and/or transport.		
	7. Rinse victims with copious amounts of water.		
	8. Provide area for victims to redress with non-contaminated clothing.		
	9. Instruct victims to move towards the cold zone, if possible.		
	10. Instruct victims to proceed to triage, medical treatment and/or transport.		
		TOTALS	
C = Critical Step Failure on this step mandates failure on task!		PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.
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JPR Task: Donning a Level A Ensemble		
Skill No.HMO-4	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. SCBA, helmet, inner gloves and chemical resistant boots. 2. Level A chemical suit. 3. A person to assist them. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly don a Level A ensemble."		
Minimum PPE: Level A PPE		
PERFORMANCE		
		YES
		NO
	1. Conduct a pre-entry briefing, medical monitoring, and equipment inspection.	
	2. While seated, pull on the suit to waist level and pull on the attached chemical boots. Fold the suit boot covers over the tops of the boots.	
	3. Stand up and donn the SCBA frame and SCBA face piece, but do not connect the regulator to the face piece.	
	4. Place the helmet on the head.	
	5. Don the inner gloves.	
	6. Don the outer chemical gloves (if required by the manufacturer's specifications).	
	7. With assistance, complete donning the suit by placing both arms in the suit, pulling the expanded back piece over the SCBA, and placing the chemical suit over the head.	
	8. Instruct the assistant to connect the regulator to the SCBA face piece and ensure that the air flow is working correctly.	
	9. Instruct the assistant to connect the regulator to the SCBA face piece and ensure that the air flow is working correctly.	
	10. Review hand signals and indicate that you are okay.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.
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JPR Task: Doffing a Level A Ensemble		
Skill No.HMO-5	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Technical decon system. 2. An assistant to direct in the doffing procedure. 3. Complete level A chemical protection. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly doff a Level A ensemble."		
Minimum PPE: Complete level A chemical protection.		
PERFORMANCE		
		YES
		NO
	1. After completing decontamination, proceed to the clean area for suit doffing.	
	2. Pull the hands out of the outer gloves and arms from the sleeves, and cross the arms in front inside the suit.	
	3. Instruct the assistant to open the chemical splash flap and suit zipper.	
	4. Instruct the assistant to begin at the head and roll the suit down and away until the suit is below waist level.	
	5. Instruct the assistant to complete rolling the suit from the waist to the ankles; step out of the attached chemical boots and suit.	
	6. Doff the SCBA frame. The face piece should be kept in place while the SCBA is doffed.	
	7. Take a deep breath and doff the SCBA face piece; carefully remove the helmet, peel off the inner gloves, and walk away from the clean area.	
	8. Go to the rehabilitation area for medical monitoring, rehydration, and personal decontamination shower.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 6 STEPS TOTAL TO PASS SKILL.
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JPR Task: Don a Level B nonencapsulated chemical-protective clothing ensemble.					
Skill No. HMO-6	PERFORMANCE CRITERIA AND INSTRUCTIONS				
INSTRUCTIONS TO THE MONITOR/EVALUATOR					
Candidate shall be provided with the following:					
<ol style="list-style-type: none"> 1. A Complete Level B nonencapsulated chemical-protective clothing ensemble. 2. An assistant to direct in the donning procedure. 					
INSTRUCTIONS TO THE CANDIDATE					
"The student shall be able to correctly don a Level B nonencapsulated chemical- protective clothing ensemble."					
Minimum PPE: A Complete Level B nonencapsulated chemical-protective clothing ensemble					
PERFORMANCE					
		YES			
		NO			
	1. Conduct a pre-entry briefing, medical monitoring, and equipment inspection.				
	2. While seated, pull on the suit to waist level, pull up the chemical boot covers, place outer boots on the feet, and fold the suit boot covers over the tops of the boots.				
	3. Don the inner gloves and insert both arms into suit.				
	4. Don the rest of the suit and zip closed.				
	5. Don the SCBA, adjust straps, and don face piece without attaching to regulator				
	6. Pull the hood over the head and secure. Place helmet on head if utilizing.				
	7. Close and seal all areas of the ensemble.				
	8. Connect the regulator to the face piece.				
	9. Review hand signals, and indicate that you are okay.				
TOTALS					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">C = Critical Step Failure on this step mandates failure on task!</td> <td style="width: 20%;">PASS _____ FAIL _____</td> <td style="width: 40%;">CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.</td> </tr> </table>			C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.			
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JPR Task: Doffing a Level B Nonencapsulated Chemical-Protective Clothing Ensemble

Skill No. HMO-7 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Decon system
2. Complete Level B Nonencapsulated Chemical-Protective Clothing Ensemble
3. An assistant to direct in the doffing procedure.

INSTRUCTIONS TO THE CANDIDATE

“The student shall be able to correctly doff a Level B nonencapsulated chemical-protective clothing ensemble.”

Minimum PPE: Complete Level B Nonencapsulated Chemical-Protective Clothing Ensemble

PERFORMANCE

	YES	NO
1. After completing decontamination, proceed to the clean area for suit doffing.		
2. Doff the SCBA frame. Keep the face piece in place while the SCBA frame is held or placed on the ground..		
3. Instruct the assistant to open the chemical splash flap and suit zipper.		
4. Remove your hands from the outer gloves and arms from the sleeves, and cross your arms in front inside the suit.		
5. Instruct the assistant to begin at the head and roll the suit down and away until the suit is below waist level.		
6. Sit down and instruct the assistant to complete rolling down the suit to the ankles. Step out of the outer boots and suit..		
7. Doff the SCBA face piece and helmet.		
8. Carefully peel off the inner gloves and go to the rehabilitation area for medical monitoring, rehydration, and personal decontamination shower.		
TOTALS		

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 6 STEPS TOTAL TO PASS SKILL.
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JPR Task: Doffing Structural Fire Fighting Gear		
Skill No. HMO-8	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Decon system. 2. An assistant to direct in the doffing procedure. 3. Complete structural Fire Fighting PPE. Including SCBA 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to properly doff structural fire fighting gear after decontamination."		
Minimum PPE: Structural PPE including SCBA		
PERFORMANCE		
		YES
		NO
	1. For proper coat removal, thumb straps should be over inner glove. After decon firefighter steps into a large size plastic trash can liner. Firefighter loosens shoulder straps & waist belt and removes SCBA harness hands to protected assistant. Face piece still on face flowing air.	
	2. Assistant holds SCBA in front of firefighter. Firefighter removes helmet.	
C	3. Firefighter removes coat and structural firefighting gloves. Peel coat off coat not touching outside of coat with structural firefighting gloves wrapped up in coat. Place coat and gloves in suitable container.	
	4. With inner gloves still on, reach beneath the hood and guide the hood from the head onto the regulator hose.	
	5. Remove suspenders by backing the elbow through the suspender opening.	
C	6. Peel bunker pants down over boots keeping gloved hands inside of pants. Use trash can liner as protection to remove pants and boots.	
	7. Step towards the cold zone.	
C	8. With gloved hand loosen the face piece straps and gently push face piece away for the face. Air must continue to flow while removing face piece.	
C	9. Remove inner gloves while not touching the outside of the gloves with bare hand.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!		PASS _____ FAIL _____
CANDIDATE MUST COMPLETE 7 STEPS TOTAL TO PASS SKILL.		
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JPR Task: Performing Technical Decontamination on a Responder

Skill No. HMO-9 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Technical decon system.
2. Appropriate level of chemical PPE. (minimum one level below entry team)
3. Personnel to decontaminate.

INSTRUCTIONS TO THE CANDIDATE

“The student shall be able to correctly demonstrate how to safely decontaminate personnel, gear and equipment.”

Minimum PPE: One level below the entry team they are deconning.

PERFORMANCE

	YES	NO
1. Drop any tools and equipment into a tool drum or onto a designated tarp.	<input type="checkbox"/>	<input type="checkbox"/>
2. Perform gross decontamination, if necessary.	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform technical decontamination. Wash and rinse the responder one to three times.	<input type="checkbox"/>	<input type="checkbox"/>
4. Remove outer hazardous materials-protective clothing.	<input type="checkbox"/>	<input type="checkbox"/>
5. Proceed to the rehabilitation area for medical monitoring, rehydration, and personal decontamination shower.	<input type="checkbox"/>	<input type="checkbox"/>

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.
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JPR Task: Using Absorption/Adsorption to Manage a Hazardous Materials Incident

Skill No. HMO-10	PERFORMANCE CRITERIA AND INSTRUCTIONS
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INSTRUCTIONS TO THE MONITOR/EVALUATOR
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Candidate shall be provided with the following:

1. Name of chemical involved in simulated spill.
2. Adsorbent and absorbent product control equipment to choose from.

INSTRUCTIONS TO THE CANDIDATE

“The student shall be able to correctly use absorption/adsorption for product control of a simulated spill.”

Minimum PPE: PPE determined by AHJ

PERFORMANCE

	YES	NO
1. Collect the basic materials: absorbents, absorbent pads, absorbent booms.	<input type="checkbox"/>	<input type="checkbox"/>
2. Decide which absorbent/adsorbent is best suited for use with the spilled product and the physical characteristics of the spill (i.e., a spill in a lake, pond, or creek versus on wet or dry ground).	<input type="checkbox"/>	<input type="checkbox"/>
3. Assess the location of the spill and stay clear of any spilled product.	<input type="checkbox"/>	<input type="checkbox"/>
4. Use detection and monitoring devices to determine whether airborne contamination is present. Consult reference sources for the physical and chemical properties of the spilled material.	<input type="checkbox"/>	<input type="checkbox"/>
5. Apply the appropriate material to control the spilled material.	<input type="checkbox"/>	<input type="checkbox"/>
6. Maintain control of the absorbent/adsorbent materials and take appropriate steps for their disposal.	<input type="checkbox"/>	<input type="checkbox"/>

TOTALS		
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C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 5 STEPS TOTAL TO PASS SKILL.
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JPR Task: Constructing an Overflow Dam		
Skill No. HMO-11	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Sand, dirt or sand bags. 2. Three lengths of 3 to 4 inch diameter pipe. 3. Stream or ditch to build dam. 4. Shovels, role of sheet plastic and any other equipment the AHJ requires. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly construct an overflow dam as a product control solution based on the specific gravity of the released hazardous material."		
Minimum PPE: PPE.		
PERFORMANCE		
		YES
		NO
	1. Based on the spilled material having a specific gravity greater than 1, determine the need for an overflow dam.	
	2. Build a dam with sandbags or other available materials.	
	3. Install two to three lengths of 3 to 4inch plastic pipe horizontally on top of the dam. Add more sandbags on top of the dam, if available.	
	4. Complete the dam installation and ensure that the piping will allow the proper flow of water without allowing the heavier-than-water material to pass through the pipes.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
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JPR Task: Constructing an Underflow Dam		
Skill No. HMO-12	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Sand, dirt or sand bags. 2. Three lengths of 3 to 4 inch diameter pipe. 3. Stream or ditch to build dam. 4. Shovels, role of sheet plastic and any other equipment the AHJ requires. 		
INSTRUCTIONS TO THE CANDIDATE		
" The student shall be able to correctly construct an underflow dam as a product control solution based on the specific gravity of the released hazardous material."		
Minimum PPE: Structural PPE.		
PERFORMANCE		
		YES
		NO
	1. Based on the spilled material having a specific gravity lighter than 1, determine the need for an overflow dam.	
	2. Build a dam with sandbags or other available materials.	
	3. Install two to three lengths of 3 to 4inch plastic pipe horizontally on top of the dam. Add more sandbags on top of the dam, if available.	
	4. Complete the dam installation and ensure that the piping will allow the proper flow of water without allowing the heavier-than-water material to pass through the pipes.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
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JPR Task: Constructing a Dike

Skill No. HMO-13 | PERFORMANCE CRITERIA AND INSTRUCTIONS

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Sand, dirt or sand bags.
2. Location to build dike.
3. Shovels, role of sheet plastic and any other equipment the AHJ requires.

INSTRUCTIONS TO THE CANDIDATE

"The student shall be able to correctly construct a dike as a product control solution for a released hazardous material."

Minimum PPE: Structural PPE.

PERFORMANCE

	YES	NO
1. Based on the spilled material and the topography, determine the best location for the dike.		
2. Dig a depression (if possible) 6 to 8 inches deep.		
3. If necessary, use plastic sheeting to line the bottom of the depression, and allow sufficient plastic to cover the dike wall. Ensure that plastic will not react adversely with the spilled chemical.		
4. Build a short wall with sandbags or other available materials.		
5. If applicable, install plastic sheeting to the top of the dike and secure it with additional sandbags.		
6. Complete the dike installation and ensure that its size will contain the spilled product. It may be necessary to construct a series of dikes if there is a concern about the amount of product being released. A wise incident commander will consider backing up the original structure to ensure that the product will be controlled effectively.		
TOTALS		

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 5 STEPS TOTAL TO PASS SKILL.
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JPR Task: Using Dilution to Manage a Hazardous Materials Incident		
Skill No. HMO-14	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Name of product spilled. 2. Haz Mat technician or Specialist for guidance. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly use dilution to control a hazardous materials incident."		
Minimum PPE: Structural PPE		
PERFORMANCE		
		YES
		NO
	1. Based on the spilled material's characteristics and the size of the spill, determine the viability of a dilution operation.	
	2. Obtain guidance from a hazardous materials technician, technical specialist such as a chemist, or other qualified allied professional.	
	3. Ensure that the water used will not overflow and affect other product control activities.	
	4. Add small amounts of water from a distance to dilute the product. If applicable, check the pH periodically during this operation.	
	5. Contact the hazardous materials technician (or other qualified profession) if any additional issues arise.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.
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JPR Task: Constructing a Diversion		
Skill No. HMO-15	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Location to create diversion. 2. Sandbags or other equipment determined by the AHJ. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly construct a diversion dam as a product control solution for a released hazardous material."		
Minimum PPE: Structural PPE.		
PERFORMANCE		
		YES
		NO
	1. Based on the spilled material and the topography conditions, determine the best location for the diversion.	
	2. Use sandbags or other materials to divert the product flow to a more desirable location. This location may not be perfect, but may be more advantageous to the overall control efforts.	
	3. Stay clear of the product flow.	
	4. Monitor the diversion channel to ensure the integrity of the system.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
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JPR Task: Using Retention to Manage a Hazardous Materials Incident		
Skill No. HMO-16	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Location to create retention basin. 2. Shovels, sheet plastic, sandbags or other equipment as determined by AHJ. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly construct a retention area as a product control solution for a released hazardous material."		
Minimum PPE: Structural PPE.		
PERFORMANCE		
		YES
		NO
	1. Based on the spilled material and the topography conditions, determine the best location for the retention system.	
	2. Dig a deep depression (by hand or with heavy equipment such as a tractor or backhoe) to serve as a retention basin.	
	3. Use plastic to line the bottom of the depression (if time permits and the spilled liquid is compatible with plastic).	
	4. Use sandbags or other materials to hold the plastic in place.	
	5. Stay clear of the product flow.	
	6. Monitor the retention system to ensure its integrity.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 5 STEPS TOTAL TO PASS SKILL.
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JPR Task: Using Vapor Dispersion to Manage a Hazardous Materials Incident

Skill No. HMO-17 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Name of product released.
2. Location where product has been released.
3. Weather conditions.
4. Assortment of monitoring equipment to choose from.
5. Operating hose line equipped with fog nozzle.

INSTRUCTIONS TO THE CANDIDATE

"The student shall be able to correctly use vapor dispersion for product control."

Minimum PPE: Structural PPE including SCBA.

PERFORMANCE

	YES	NO
1. Based on the characteristics of the released material, the size of the release, and the topography, determine the viability of a dispersion operation.	<input type="checkbox"/>	<input type="checkbox"/>
2. 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.	<input type="checkbox"/>	<input type="checkbox"/>
3. Ensure that ignition sources in the area have been removed or controlled.	<input type="checkbox"/>	<input type="checkbox"/>
4. Apply a water spray (from fire fighting hose lines) from a distance to disperse vapors.	<input type="checkbox"/>	<input type="checkbox"/>
5. Monitor the environment until the vapors have adequately dispersed.	<input type="checkbox"/>	<input type="checkbox"/>
TOTALS	<input type="checkbox"/>	<input type="checkbox"/>

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.
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JPR Task: Using Vapor Suppression to Manage a Hazardous Materials Incident		
Skill No. HMO-18	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Name of product released. 2. Location where product has been released. 3. Weather conditions. 4. Assortment of monitoring equipment to choose from. 5. Assortment of foams to choose from. 6. Operating foam applying system. 		
INSTRUCTIONS TO THE CANDIDATE		
"Correctly utilize vapor suppression as a product control solution. "		
Minimum PPE: Structural PPE including SCBA..		
PERFORMANCE		
		YES
		NO
	1. Based on the characteristics of the released material, the size of the leak, and the topography, determine the viability of a vapor suppression operation.	
	2. Use the appropriate instrument to determine the boundaries of a safe work area.	
	3. Ensure that ignition sources in the area have been removed or controlled.	
	4. Apply appropriate type of foam from a safe distance to suppress vapors.	
	5. Monitor the environment until the vapors have adequately suppressed.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.
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JPR Task: Performing the Rain Down Method of Applying Foam		
Skill No. HMO-19	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Foam applying system determined by AHJ. 2. Location to apply foam. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly perform the rain-down method of applying foam."		
Minimum PPE: Structural PPE including SCBA.		
PERFORMANCE		
		YES
		NO
	1. Open the nozzle and test to ensure that foam is being produced	
	2. Move within a safe range of the product and open the nozzle.	
	3. Direct the stream of foam into the air so that the foam gently falls onto the pool of the product.	
	4. Allow the foam to flow across the top of the pool of product until it is completely covered.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
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JPR Task: Performing the Roll In Method of Applying Foam		
Skill No. HMO-20	PERFORMANCE CRITERIA AND INSTRUCTIONS	
INSTRUCTIONS TO THE MONITOR/EVALUATOR		
Candidate shall be provided with the following:		
<ol style="list-style-type: none"> 1. Foam applying system determined by AHJ. 2. Location to apply foam. 		
INSTRUCTIONS TO THE CANDIDATE		
"The student shall be able to correctly perform the roll in method of applying foam."		
Minimum PPE: Structural PPE including SCBA.		
PERFORMANCE		
		YES
		NO
	1. Open the nozzle and test to ensure that foam is being produced	
	2. Move within a safe range of the product and open the nozzle.	
	3. Direct the stream of foam onto the ground just in front of the pool of product.	
	4. Allow the foam to roll across the top of the pool of product until it is completely covered.	
TOTALS		
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
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JPR Task: Performing the Bounce Off Method of Applying Foam

Skill No. HMO-21 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Foam applying system determined by AHJ.
2. Location to apply foam.

INSTRUCTIONS TO THE CANDIDATE

"The student shall be able to correctly perform the bounce off method of applying foam."

Minimum PPE: Structural PPE including SCBA.

PERFORMANCE

	YES	NO
1. Open the nozzle and test to ensure that foam is being produced	<input type="checkbox"/>	<input type="checkbox"/>
2. Move within a safe range of the product and open the nozzle.	<input type="checkbox"/>	<input type="checkbox"/>
3. Direct the stream of foam onto a solid structure such as a wall or metal tank so that the foam is directed off the object and onto the pool of product.	<input type="checkbox"/>	<input type="checkbox"/>
4. Allow the foam to roll across the top of the pool of product until it is completely covered.	<input type="checkbox"/>	<input type="checkbox"/>
5. Be aware that the foam may need to be banked off of several areas of the solid object so as to extinguish the burning product.	<input type="checkbox"/>	<input type="checkbox"/>
TOTALS	<input type="checkbox"/>	<input type="checkbox"/>

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.
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JPR Task: Identifying and/or Avoiding Potential Unique Safety Hazards at an Illicit Laboratory

Skill No. HMO-22 | **PERFORMANCE CRITERIA AND INSTRUCTIONS**

INSTRUCTIONS TO THE MONITOR/EVALUATOR

Candidate shall be provided with the following:

1. Illicit laboratory scenario and location. Determined by AHJ.

INSTRUCTIONS TO THE CANDIDATE

"Correctly identify and/or avoid potential unique safety hazards at the scene of a simulated hazardous materials incident."

Minimum PPE: Structural PPE including SCBA.

PERFORMANCE

	YES	NO
1. Visually assess the structure or property that is suspected to contain a laboratory operation for outward warning signs, such as the presence of security and surveillance systems (including triggering devices and booby traps), precursor chemical containers, laboratory equipment, or hostile occupants.	<input type="checkbox"/>	<input type="checkbox"/>
2. Establish a safe containment perimeter based on the hazards identified	<input type="checkbox"/>	<input type="checkbox"/>
3. Notify the appropriate law enforcement personnel, technicians, and allied professionals based on the hazards identified.	<input type="checkbox"/>	<input type="checkbox"/>
4. Make an assessment of any victims who may be present and any symptoms they are presenting.	<input type="checkbox"/>	<input type="checkbox"/>
TOTALS	<input type="checkbox"/>	<input type="checkbox"/>

C = Critical Step
 Failure on this step mandates failure on task!

PASS _____	CANDIDATE MUST COMPLETE 3 STEPS TOTAL TO PASS SKILL.
FAIL _____	

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JPR Task: Conducting Joint Hazardous Materials/Explosive Ordinance Disposal Operations				
Skill No. HMO-23	PERFORMANCE CRITERIA AND INSTRUCTIONS			
INSTRUCTIONS TO THE MONITOR/EVALUATOR				
Candidate shall be provided with the following:				
1. Evaluator will role play as law enforcement or DOD personnel and discuss response plan with candidate. For a scenario determined by AHJ.				
INSTRUCTIONS TO THE CANDIDATE				
"The student shall be able to properly conduct joint hazardous materials/EOD operations."				
Minimum PPE: Structural PPE				
PERFORMANCE				
			YES	NO
	1.	Discuss with law enforcement or EOD personnel those materials or devices that are potentially explosive and/or hazardous.		
	2.	Develop a joint response plan, if necessary, to render the device or materials safe for collection as evidence.		
	3.	Develop a decontamination plan to support EOD personnel and equipment..		
TOTALS				
C = Critical Step		PASS _____	CANDIDATE MUST COMPLETE 2 STEPS TOTAL TO PASS SKILL.	
Failure on this step mandates failure on task!		FAIL _____		
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JPR Task: Decontaminating Tactical Law Enforcement Personnel				
Skill No. HMO-24	PERFORMANCE CRITERIA AND INSTRUCTIONS			
INSTRUCTIONS TO THE MONITOR/EVALUATOR				
Candidate shall be provided with the following:				
<ol style="list-style-type: none"> 1. Personnel to role play as law enforcement. 2. Law enforcement equipment. 				
INSTRUCTIONS TO THE CANDIDATE				
"The student shall be able to correctly decontaminate tactical law enforcement personnel."				
Minimum PPE: Structural PPE including SCBA. Higher level may be required depending on chemicals involved this will be determined by AHJ.				
PERFORMANCE				
			YES	NO
	1. Provide clear instructions to the law enforcement officers entering the decontamination line. Realize that while they may be properly trained to wear their PPE, they may not be trained in decontamination procedures..			
	2. Instruct law enforcement officers to make any weapons safe by pointing them in a safe direction, unloading them completely, and locking back the firing mechanism and engaging the safety selector switch.			
	3. Consult with canine officers to determine the best way to handle the animal if decontamination is required. Instruct law enforcement officers handling a canine to maintain control of the animal during the entire process. Have them apply a muzzle to the animal if necessary.			
	4. Instruct law enforcement officers handling prisoners to maintain control of the prisoners at all times. It is recommended that each prisoner be controlled by two law enforcement officers during this process, so that the officers can be decontaminated as well.			
	5. Begin decontamination procedures as necessary.			
TOTALS				
C = Critical Step Failure on this step mandates failure on task!		PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 4 STEPS TOTAL TO PASS SKILL.	
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JPR Task: Using a Multi-Gas Meter to Provide Atmospheric Monitoring			
Skill No. HMO-25	PERFORMANCE CRITERIA AND INSTRUCTIONS		
INSTRUCTIONS TO THE MONITOR/EVALUATOR			
Candidate shall be provided with the following:			
<ol style="list-style-type: none"> 1. Multi gas meter. 2. As candidate monitors the atmosphere. The evaluator will call out simulated readings. 			
INSTRUCTIONS TO THE CANDIDATE			
“Correctly utilize a multi-gas meter to provide atmospheric monitoring.”			
Minimum PPE: Structural PPE including SCBA.			
PERFORMANCE			
		YES	NO
	1. Prior to use of the multi gas meter, make sure you understand the manufacturer’s recommendations and local standard operating procedures for multi gas meter use.		
	2. Turn on the device and zero it in a clean atmospheric environment. Let the device warm up for at least 15 minutes.		
	3. Perform a bump test.		
	4. Make sure you understand which hazards and conditions to avoid, and which potential interferences might be encountered.		
	5. Approach the target atmosphere and carry out the mission.		
	6. Note the readings and interpret the meaning of the following conditions: <ul style="list-style-type: none"> * Changes in the LEL/LFL readings * Carbon monoxide levels * Oxygen levels * hydrogen sulfide levels 		
	7. Return to a safe atmosphere after completing the mission. Return the meter to zero. Follow the appropriate procedures to turn the meter off and return it to service.		
TOTALS			
C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 6 STEPS TOTAL TO PASS SKILL.	
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