

# Haz-Mat Operations Skills Completion

Name: \_\_\_\_\_

Overall Score:  Pass  Fail  Incomplete

Class Number: \_\_\_\_\_

Instructor Signature \_\_\_\_\_

Skill Number	Skill	NFPA 470 Objective 2022 Edition	Pass/Fail
HMO-1	Identify Potential Hazards	7.2.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO-2	Identify Action Options	7.3.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO-3	Action Plan Implementation	7.4.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO-4	Perform Emergency Decontamination	7.5.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO-5	Progress Evaluation and Reporting	7.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9) -1	PPE: Donning, Working in and Doffing PPE Mission Specific/Job Duty Specific	9.2.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-2	Product Control: Absorption of Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-3	Product Control: Adsorption of Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-4	Product Control: Damming Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-5	Product Control: Diking Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-6	Product Control: Diluting Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-7	Product Control: Diverting Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-8	Product Control: Retaining Spilled Hazardous Material	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-9	Product Control: Remote Valve Shutoff and Emergency Shutoffs Devices	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-10	Product Control: Dispersion of Hazardous Vapors.	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test
HMO(9)-11	Suppression of Hazardous Vapors	9.6.1	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Did not test

**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Identify Potential Hazards	Candidate # _____
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Skill No. HMO (7)-1	PERFORMANCE CRITERIA AND INSTRUCTIONS
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a Haz Mat scenario from which to perform.
2. Assignment for the response
3. Reference sources

"The candidate will identify the scope of the problem at a hazardous materials/WMD incident."

Minimum PPE: N/A

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
	1. Identify container types at a hazardous materials/WMD incident		
C	2. Identify materials at a hazardous materials/WMD incident		
C	3. Identify location of release at a hazardous materials/WMD incident		
C	4. Identify surrounding conditions at a hazardous materials/WMD incident		
C	5. Collect hazard information		
C	6. Communicate with pipeline operators or carrier representatives		
	7. Describe the likely behavior of the hazardous materials or WMD and its container		
C	8. Describe the potential hazards, harm, and outcomes associated with that behavior and the surrounding conditions		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 4

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL.	6
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NFPA 470, 2022 Edition  Objective(s): 7.2.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education  
HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Identify Action Options	Candidate # _____
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Skill No. HMO (7)-2	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

**Candidate shall be provided with the following:**

1. The candidate shall be given a Haz Mat scenario from which to perform.
2. Assignment for the response
3. Reference sources

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

Minimum PPE: N/A

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
	1. Identify response objectives and action options based on the scope of the problem and available resources		
<b>C</b>	2. Identify and take safety precautions		
	3. Identify whether approved PPE is suitable for the incident conditions		
	4. Identify emergency decontamination needs based on the scope of the problem		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 4

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;"><b>3</b></span>
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<b>NFPA 470, 2022 Edition</b>  <b>Objective(s): 7.3.1</b>	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Action Plan Implementation	Candidate # _____
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Skill No. HMO (7)-3	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

- Candidate shall be provided with the following:
1. The candidate shall be given a Haz Mat scenario from which to perform.
  2. The candidate shall be given an assignment with limited potential contact with hazardous materials/WMD
  3. The candidate shall be given approved tools, equipment and PPE

**“The candidate, given resources wearing appropriate PPE, shall perform emergency decontamination.”**

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
	1. Establish and maintain scene control		
	2. Recognize and preserve evidence		
	3. Choose, inspect, don, work in, and go through decontamination while wearing, and doffing approved PPE		
	4. Isolate contaminated tools, equipment, and PPE		
	5. . Conduct gross decontamination of contaminated personnel, tools, equipment, and PPE in the field		
	6. Clean, disinfect, and inspect approved tools, equipment, and PPE.		
	7. Protect exposures and personnel		
<b>C</b>	8. Follow safety procedures		
	9. Avoid or minimize hazards		
	10. Complete assignment		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 5

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;"><b>7</b></span>
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NFPA 470, 2022 Edition  Objective(s): 7.4.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Perform Emergency Decontamination	Candidate # _____
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Skill No. HMO (7)-4	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

**Candidate shall be provided with the following:**

1. The candidate shall be given a Haz Mat scenario from which to perform.
2. The candidate shall be provided with an assistant, hose line and other equipment to fit scenario.
3. The candidate shall be given the instructions below before beginning this task.

**“The candidate, given a hose line and wearing appropriate PPE, shall perform emergency decontamination.”**

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
	1. Confirm order with command to perform emergency decon. Set up in a safe area and select decontamination method.		
C	2. Ensure that all personnel involved in performing decon are wearing full, appropriate PPE.		
C	3. Remove or direct the victim from the contaminated area.		
C	4. Washes any contaminated clothing or exposed body with flooding quantities of water.		
C	5. Removes victims clothing or PPE rapidly, minimizing the spread of contaminants.		
C	6. Performs rapid head to toe rinse, wash and rinse.		
	7. Transfers victim to medical personnel. Evaluates status of response objectives.		
C	8. Informs medical personnel about contaminant involved.		
C	9. Decontaminates tools and equipment.		
C	10. Proceed to decon line for self.		
	11. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 5 & 13

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;"><b>8</b></span>
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NFPA 470, 2022 Edition  Objective(s): 7.5.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education  
HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Progress Evaluation and Reporting	Candidate # _____
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Skill No. HMO (7)-5	PERFORMANCE CRITERIA AND INSTRUCTIONS
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a Haz Mat scenario from which to perform.
2. The candidate shall be given an assignment, policies and procedures, status of assigned tasks and approved communication equipment.

**PERFORMANCE**

"The candidate, will evaluate and report the progress of the assigned tasks for a hazardous materials/WMD incident."

Minimum PPE: N/A

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
	1. Determine incident status		
	2. Determine whether the response objectives are being accomplished		
	3. Use approved communications tools		
	4. Communicate the status of assigned tasks		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 6

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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NFPA 470, 2022 Edition  Objective(s): 7.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



<b>JPR Task:</b> Donning, Working in and Doffing PPE Mission Specific/Job Duty Specific	<b>Candidate #</b> _____
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<b>Skill No. HMO (9)-1</b>	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

**Candidate shall be provided with the following:**

1. The candidate shall be provided an appropriate location from which to perform.
2. The candidate shall be given a duty related scenario for basis of performance.
3. The candidate shall be given the instructions below before beginning this task.
4. Selection of PPE and reports

**“The candidate shall don PPE, including respiratory protection relevant to employment related activities ( i.e. police, EMS, fire, regional hazmat response team, etc.), shall work in PPE, goes through decontamination, appropriately doff PPE and uses proper reports and documentation of the use of PPE when prompted by the evaluator.”**

Minimum PPE: Full PPE with Respiratory Protection.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
<b>C</b>	1. Selects appropriate level equipment given the situation		
<b>C</b>	2. Properly and completely dons appropriate gear		
	3. Demonstrates working in PPE		
<b>C</b>	4. Goes through decontamination (emergency and technical) while wearing PPE		
<b>C</b>	5. Properly doffs gear following all safety protocols		
<b>C</b>	6. Inspects, maintains, stores PPE		
	7. Identifies proper reports and documents and completes for use of PPE		
<b>TOTALS</b>			

**Text Reference:** Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 7

<b>C = Critical Step</b> Failure on this step mandates failure on task!	PASS _____ FAIL _____	<b>CANDIDATE MUST COMPLETE 6 STEPS TOTAL TO PASS SKILL.</b>
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<b>NFPA 470, 2022 Edition</b>  <b>Objective(s): 9.2.1</b>	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Absorption of Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-2	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with the necessary equipment to perform task.
3. The candidate shall be given the instructions below before beginning this task.

**“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of absorption.”**

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to perform product absorption.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate hand tools for task.		
C	5. Selects appropriate and safe location from which to perform.		
C	6. Selects most appropriate absorbent material for product.		
C	7. Deploys absorbent to effectively control product.		
	8. Places contaminated material in appropriate container for disposal (verbalize).		
C	9. Decontaminate tools/equipment (verbalize).		
C	10. Advances to decon line for decontamination (verbalize).		
	11. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">9</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Adsorption of Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-3	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with adsorption type pigs or pads and other necessary equipment to perform task.
3. The candidate shall be given the instructions below before beginning this task.

**“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of adsorption.”**

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to perform product adsorption.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate hand tools for task.		
C	5. Selects appropriate and safe location from which to perform.		
C	6. Selects most appropriate adsorbent material for product.		
C	7. Deploys absorbent to effectively control product.		
	8. Places contaminated material in appropriate container for disposal (verbalize).		
C	9. Decontaminate tools/equipment (verbalize).		
C	10. Advances to decon line for decontamination (verbalize).		
	11. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">8</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Damming Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-4	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with the necessary equipment to perform the task.
3. The candidate shall be given the instructions below before beginning this task.

"The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of damming."

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to dam spilled material.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate hand tools for task.		
C	5. Selects appropriate and safe location from which to perform.		
C	6. Constructs the dam in a location and manner that best controls the spill.		
	7. Places contaminated material in appropriate container for disposal (verbalize).		
C	8. Decontaminate tools/equipment (verbalize).		
C	9. Advances to decon line for decontamination (verbalize).		
	10. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">8</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Diking Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-5	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with the necessary equipment to perform the task.
3. The candidate shall be given the instructions below before beginning this task.

“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of diking.”  
 Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to perform diking operations.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate hand tools for task.		
C	5. Selects appropriate and safe location from which to perform.		
C	6. Constructs the dike in a location and manner that best controls and directs the spill.		
	7. Places contaminated material in appropriate container for disposal (verbalize).		
C	8. Decontaminate tools/equipment (verbalize).		
C	9. Advances to decon line for decontamination (verbalize).		
	10. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed. Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL.	<b>8</b>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Diluting Spilled Hazardous Material	Candidate # _____
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<b>Skill No. HMO (9)-6</b>	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
<b>INSTRUCTIONS TO THE MONITOR/EVALUATOR</b>	

**Candidate shall be provided with the following:**

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with a charged hand line and other necessary equipment to perform the task.
3. The candidate shall be given the instructions below before beginning this task.

**“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and provided with an assistant, a hand line and other appropriate equipment, shall demonstrate the appropriate action of diluting a spilled hazardous material.”**

Minimum PPE: Full Structural PPE with SCBA.

<b>PERFORMANCE</b>
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Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to dilute a spilled hazardous material.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate and safe location from which to perform.		
C	5. Evaluates the flow of spilled material to determine size of retention and quantity of water required to dilute the material.		
C	6. With assistance, candidate advances hand line to the material for dilution.		
C	7. Flows water appropriately to dilute the spilled material.		
C	8. Candidate monitors diking and damming materials to ensure integrity of retention area.		
	9. Places contaminated material in appropriate container for disposal (verbalize).		
C	10. Decontaminate tools/equipment (verbalize).		
C	11. Advances to decon line for decontamination (verbalize).		
	12. Notify command of status.		
<b>TOTALS</b>			

**Text Reference: Jones & Bartlett; Hazardous Materials Awareness/Operations, 3rd Ed., Chapter 12**

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 10 STEPS TOTAL TO PASS SKILL.
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<b>NFPA 470, 2022 Edition</b>  <b>Objective(s): 9.6.1</b>	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Diverting Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-7	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with the necessary equipment to perform the task.
3. The candidate shall be given the instructions below before beginning this task.

"The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of diversion."

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to divert spilled hazardous material.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate hand tools for task.		
C	5. Selects appropriate and safe location from which to perform.		
C	6. Constructs the diversion in a location and manner that best controls and directs the spill.		
	7. Places contaminated material in appropriate container for disposal (verbalize).		
C	8. Decontaminate tools/equipment (verbalize).		
C	9. Advances to decon line for decontamination (verbalize).		
	10. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">8</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Retaining Spilled Hazardous Material	Candidate # _____
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Skill No. HMO (9)-8	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with the necessary equipment to perform the task.
3. The candidate shall be given the instructions below before beginning this task.

**PERFORMANCE**

“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and given the necessary equipment, shall perform the defensive control function of retention.”  
 Minimum PPE: Full Structural PPE with SCBA.

Candidate must complete this skill within / 15 / minutes to pass.			YES	NO
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.			
	2. Confirm order with command to perform retention of spilled hazardous material.			
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.			
C	4. Selects appropriate hand tools for task.			
C	5. Selects appropriate and safe location from which to perform.			
C	6. Evaluates the flow of spilled material to determine size of retention.			
C	7. Retains the material so it can no longer flow.			
	8. Places contaminated material in appropriate container for disposal (verbalize).			
C	9. Decontaminate tools/equipment (verbalize).			
C	10. Advances to decon line for decontamination (verbalize).			
	11. Notify command of status.			
<b>TOTALS</b>				

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">9</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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11/2022

**West Virginia Department of Education**  
**HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Remote Valve Shutoff and Emergency Shutoffs Devices	Candidate # _____
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Skill No. HMO (9)-9	PERFORMANCE CRITERIA AND INSTRUCTIONS
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with a series of photos or props depicting remote shutoffs/Emergency Shutoffs
3. The candidate shall be given the instructions below before beginning this task.

"The candidate, given scenarios and illustrations of potential situations, shall identify remote valve shutoff(s) and Emergency Shutoffs and describe proper procedures for activation of the shutoff for a depicted situation."

Minimum PPE: None.

**PERFORMANCE**

Candidate must complete this skill within / 10 / minutes to pass.		<b>YES</b>	<b>NO</b>
	1. Confirm order with command to perform emergency remote shutoff.		
<b>C</b>	2. Identifies fixed facility remote shutoff control.		
	3. Identifies cargo tank shutoff device		
	4. Identifies intermodal tank shutoff device		
<b>C</b>	5. Candidate verbalizes operation of remote shutoff.		
	6. Confirms with supervisor action completed.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">4</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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11/2022

**West Virginia Department of Education  
HAZ MAT OPERATIONS COMPETENCY EVALUATION**



JPR Task: Product Control: Dispersion of Hazardous Vapors.	Candidate # _____
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Skill No. HMO (9)-10	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
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**INSTRUCTIONS TO THE MONITOR/EVALUATOR**

Candidate shall be provided with the following:

1. The candidate shall be given a HazMat scenario from which to perform.
2. The candidate shall be provided with a charged hand line and other necessary equipment to perform task.
3. The candidate shall be given the instructions below before beginning this task.

**“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and provided with an assistant, a hand line and other appropriate equipment, shall demonstrate action of hazardous vapor dispersion.”**

Minimum PPE: Full Structural PPE with SCBA.

**PERFORMANCE**

Candidate must complete this skill within / 15 / minutes to pass.		YES	NO
C	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to perform dispersion of a haz mat vapor.		
C	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
C	4. Selects appropriate and safe location from which to perform.		
C	5. With assistance, the candidate shall apply agent through vapor cloud to disperse vapors.		
C	6. Monitors leak, wind direction and stream effectiveness.		
C	7. Monitors exposure of personnel and environmental impact.		
	8. Places contaminated material in appropriate container for disposal (verbalize).		
C	9. Decontaminate tools/equipment (verbalize).		
C	10. Advances to decon line for decontamination (verbalize).		
	11. Notify command of status.		
<b>TOTALS</b>			

Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed. Chapter 12

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE STEPS TOTAL TO PASS SKILL. <span style="float: right;">9</span>
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NFPA 470, 2022 Edition  Objective(s): 9.6.1	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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West Virginia Public Service Training  
**HAZARDOUS MATERIALS OPERATIONS**  
**PERFORMANCE EVALUATION**



JPR Task: Suppression of Hazardous Vapors	Candidate # _____
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Skill No. HMO (9)-11	<b>PERFORMANCE CRITERIA AND INSTRUCTIONS</b>
<b>INSTRUCTIONS TO THE MONITOR/EVALUATOR</b>	

- Candidate shall be provided with the following:**
1. The candidate shall be provided an assistant and given a HazMat scenario from which to perform.
  2. The candidate shall be provided with a charged hand line, foam concentrate and proportioner equipment.
  3. The equipment shall be prearranged and setup for use prior to candidate arrival.
  4. The candidate shall be provided with any additional necessary equipment to perform the task.
  5. The candidate shall be given the instructions below before beginning this task.

**“The candidate shall dress appropriately in structural PPE with SCBA, breathing air, and provided with an assistant, a hand line and other appropriate equipment, shall demonstrate the appropriate action of hazardous vapor suppression.”**

Minimum PPE: Full Structural PPE with SCBA.

<b>PERFORMANCE</b>			
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Candidate must complete this skill within / 15 / minutes to pass.		<b>YES</b>	<b>NO</b>
<b>C</b>	1. Candidate shall demonstrate donning of PPE and SCBA for performance of task.		
	2. Confirm order with command to perform vapor suppression.		
<b>C</b>	3. Ensure that all personnel involved in performing a function are wearing full, appropriate PPE.		
<b>C</b>	4. Selects appropriate and safe location from which to perform.		
<b>C</b>	5. Candidate monitors weather and spill for changing conditions.		
<b>C</b>	6. The candidate shall apply foam blanket adequate to suppress vapors, as directed by one of three (3) methods: a. Banking off an object, or b. Rolling blanket, or c. Rain down		
<b>C</b>	7. Candidate ensures integrity of foam blanket, prevents breach.		
<b>C</b>	8. Candidate verbalizes maintaining foam blanket, as necessary.		
	9. Notifies supervisor of task completion.		
<b>TOTALS</b>			

**Text Reference: Jones & Bartlett; *Hazardous Materials Awareness/Operations*, 3rd Ed., Chapter 12**

C = Critical Step Failure on this step mandates failure on task!	PASS _____ FAIL _____	CANDIDATE MUST COMPLETE 9 STEPS TOTAL TO PASS SKILL.
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<b>NFPA 470, 2022 Edition</b>  <b>Objective(s): 9.6.1</b>	TEST DATE _____ LOCATION: _____  EVALUATOR NAME (Print) _____  EVALUATOR SIGNATURE: _____
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