

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet 27-7**

<b>SKILL SHEET 27-7</b>		<b>Flammable Gas Cylinder Suppression</b>	
OBJECTIVE:		NFPA 1001, 5.3.1	FEH Chapter: 27
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• Personal protective equipment</li> <li>• Self-contained breathing apparatus</li> <li>• FD pumper</li> <li>• Hoseline, fog nozzle</li> </ul>	
<b>EVALUATOR INSTRUCTIONS</b>			
CANDIDATE INSTRUCTIONS:  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		In this evaluation you will be expected to extinguish an open ignitable liquid fire using a fog stream. The evaluator will give you the command, "Ready? Start!" Are there any questions?	
CRITERIA:		<p style="color: red; text-align: center;">NOTE: Based on material from the Skill Drill Instructor Guides</p> <p style="color: red; text-align: center;">[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</p>	
Critical?		Pass	Fail
	1. Wears complete PPE and SCBA		
	2. Selects appropriate nozzle		
	3. Approaches fire, maintaining team communication		
	4. Opens nozzle fully		
	5. Operates fog nozzle on approach (wide fog pattern, if applicable)		
	6. Extinguishes fire		
	7. Executes effective retreat with wide fog pattern		
	8. Follows all safety precautions		
EVALUATOR COMMENTS:  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet 27-8**

SKILL SHEET 27-8		Assembling Foam Stream Components	
OBJECTIVE:		NFPA 1001, 5.3.1	FEH Chapter: 27
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> <li>• Engine Co.</li> <li>• Foam stream components</li> <li>• foam</li> <li>• Hose</li> <li>• Foam nozzle</li> </ul>	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Candidate will assemble foam stream components.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		<b>NOTE: Based on material from the Skill Drill Instructor Guides</b> <b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b>	
Critical?		Pass	Fail
	Ensure that the eductor is set to the appropriate concentration setting. This setting will depend on how you intend to use the foam , the type of fire your are attacking, as well as the type of foam you are using.		
	Between the first and second length of hose from the engine, insert the eductor. This device uses the pressure or the water flow to pull the foam out of the bucket and into the water stream.		
	At the end of the hoseline, attach a nozzle that is appropriate for foam operations.		
	Call for water. As the water flows through the line, the pick-up tube which is attached to the eductor will be activated by that water flow.		
	Place the pickup tube into the foam concentration container.		
	You are now ready to proceed with your foam operation. It is crucial to monitor the foam concentrate when operating on the fireground. Often numerous foam containers will be needed for a single operation.		

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EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

**FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II**  
**Instructor Curriculum Skill Evaluation Sheet 27-9**

<b>SKILL SHEET 27-9</b>	<b>Foam Stream Application</b>		
<b>OBJECTIVE:</b>	NFPA 1001, 5.3.1	<b>FEH Chapter: 27</b>	
<b>CANDIDATE NAME/NUMBER:</b>		No.:	
<b>TEST DATE/TIME</b>			
<b>EQUIPMENT REQUIRED:</b> [Add local requirements if needed]	<ul style="list-style-type: none"> <li>Personal protective equipment</li> <li>Self-contained breathing apparatus</li> <li>FD pumper</li> <li>Hoseline, nozzle, educator, pick up tube, foam aspirator</li> <li>Container of foam concentrate,</li> </ul>		
<b>EVALUATOR INSTRUCTIONS</b>			
<b>CANDIDATE INSTRUCTIONS:</b>  <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>	<p>In this evaluation you will be expected to extinguish an ignitable liquid fire using a foam stream. The evaluator will give you the command, "Ready? Start!" Are there any questions?</p>		
<b>CRITERIA:</b>	<p><b>NOTE: Based on material from the Skill Drill Instructor Guides</b></p> <p><b>[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]</b></p>		
<b>Critical?</b>		<b>Pass</b>	<b>Fail</b>
	1. Wears complete PPE and SCBA		
	2. Assembles appliances (educator, hoseline, nozzle, foam aspirator)		
	3. Matches nozzle to educator		
	4. Introduces educator to foam concentrate		
	5. Opens nozzle fully		
	6. Sets the educator metering valve to concentrate percentage rating		
	7. Applies foam by demonstrating one of the following methods (roll-on, bank-down, rain-down)		
	8. Establishes an adequate vapor suppression blanket		
	9. Approaches and retreats from a Haz-Mat spill as part of a Coordinated team (Verbalize)		
<b>EVALUATOR COMMENTS:</b>  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
<b>EVALUATOR SIGNATURE:</b>			

*FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II*  
Instructor Curriculum Skill Evaluation Sheet **27-9**

STUDENT SIGNATURE:	
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