



Hazardous Materials Technician Certification

Skill # 3.1 Test pH Paper	Maximum Time Allowed: 5 min.																																								
<u>INSTRUCTIONS TO THE CANDIDATE</u>																																									
The Candidate shall demonstrate the proper use and testing of pH paper.																																									
CANDIDATE PERFORMANCE	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="padding: 2px;">1st Attempt</th> <th colspan="2" style="padding: 2px;">2nd Attempt</th> </tr> <tr> <th style="padding: 2px;">Yes</th> <th style="padding: 2px;">No</th> <th style="padding: 2px;">Yes</th> <th style="padding: 2px;">No</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4" style="padding: 2px;">Paper turns blue indicates a base. Paper turns red indicates an acid.</td> </tr> <tr> <td style="padding: 2px;">Total steps candidate must complete to pass:</td> <td style="padding: 2px; text-align: center;">4</td> <td colspan="2" style="padding: 2px;">Total</td> </tr> </tbody> </table>	1 st Attempt		2 nd Attempt		Yes	No	Yes	No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Paper turns blue indicates a base. Paper turns red indicates an acid.				Total steps candidate must complete to pass:	4	Total	
1 st Attempt		2 nd Attempt																																							
Yes	No	Yes	No																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																						
Paper turns blue indicates a base. Paper turns red indicates an acid.																																									
Total steps candidate must complete to pass:	4	Total																																							
♦ Candidate has informed the evaluator that they have been trained in this skill.																																									
Candidate removes a 3-4 inch piece of pH paper from the roll.																																									
Candidate checks for vapor production by waving pH paper above and below the product.																																									
Candidate dips half of the pH paper in to the liquid product and removes immediately or draws sample with pipett and applies to pH paper.																																									
♦ Candidate does not come in direct contact with the product.																																									
Candidate determines if the product is an acid or a base.																																									
Paper turns blue indicates a base. Paper turns red indicates an acid.																																									
Total steps candidate must complete to pass:	4																																								
Total																																									

♦ **Critical Step** - Failure on this step results in failure of the entire skill.

Candidate Name _____

1st Evaluator Signature _____ Date _____

2nd Evaluator Signature _____ Date _____



Hazardous Materials Technician Certification

Skill # 3.1 Test pH Paper

Objective(s): 7.2.1.3.3(1), 7.2.1.3.4(3), 7.2.1.3.5(6) NFPA Standard 472 2008 Edition

INSTRUCTIONS TO THE PROCTOR/EVALUATOR

1. The candidate must indicate that they have been instructed how to perform this skill. A negative answer is an immediate failure. No second attempt is allowed. This step doesn't count for the total number of steps the candidate must complete.
2. PPE should be a minimum of Level B with chemical protective gloves.
3. Evaluator or support staff must prepare a sample chemical to be monitored.
4. The proctor must provide the candidate with the following items:
 - a. pH paper
 - b. Pipetts with watch glass

Proctor/Candidate Comments

I was informed of the task steps missed that resulted in the failure of this skill and the OSU-FST re-test policies.

Candidate Signature

Date