NOTE ON PERFORMANCE TESTING

Performance Profile Sheet(s) are included in a format that can be easily photocopied for each trainee. Performance tests are designed to measure competency in the tasks taught in each module.

Please note the number of tasks to be tested while teaching each module. Each trainee should be tested on all the tasks listed on the Performance Profile Sheet(s). Before performance testing, the instructor should brief the trainees on:

- Test objectives and criteria
- Safety precautions
- Procedures for each task to be tested

The instructor administering the performance testing should also do the following:

- Ensure that all of the needed equipment is available and operating properly.
- Set up the testing stations.
- Organize and administer the test in a way that allows for optimal performance.
- Complete the Performance Profile Sheet(s) for each trainee by assigning a pass/fail score for each listed task. Also, include the testing date for each task in the rating box.
- Monitor adherence to all safety regulations and precautions.
- Provide adequate supervision to prevent injuries.
- Take immediate and effective action to remedy any emergency.

Performance Testing

If Performance Testing is done as part of the National Center for Construction Education and Research Standardized Craft Training Program, the following conditions must be met:

1. The Craft Instructor must hold valid NCCER instructor certification for the craft being tested.
2. The training must be delivered through a Accredited Training Sponsor recognized by NCCER.
3. For every module, the specific performance testing must be completed to the satisfaction of the instructor.
4. The results of the testing must be recorded on the Training Report Form 200. This form must be provided to the local Accredited Training Sponsor to be forwarded to the NCCER National Registry.

Certified Plus Credential

Provided the sponsor is working through an NCCER-Accredited Assessment Center, candidates who successfully pass performance testing may be eligible for a Certified Plus Credential. A number of NCCER’s Performance Profiles cross over to NCCER’s Assessment Performance Verifications and may be completed simultaneously. Go to www.nccer.org and select the Assessments tab to locate the Performance Verifications associated with this craft. Note two other important conditions are required for the Certified Plus Credential:

1. Candidates must first pass the associated written assessment.
2. An NCCER-Accredited Assessment Administrator must sign off on the Performance Verification before it is submitted to NCCER.
Module 66101-02 has no Performance Profile Sheet; no performance testing is required for this module.
Module 66102-02 has no Performance Profile Sheet; no performance testing is required for this module.
Craft: Pipeline Mechanical  
Module Number: 63103-02  
Module Title: Pipeline Mechanic Hand & Power Tools

### TRAINEE NAME: ________________________________

### TRAINEE SOCIAL SECURITY NUMBER: __________________________

### CLASS: ______________________________________________________________________

### TRAINING PROGRAM SPONSOR:______________________________________________

---

### INSTRUCTOR:______________________________

#### Rating Levels:
- (1) Passed: performed task
- (2) Failed: did not perform task

Also, list the date the testing for each task was completed.

#### Recognition:
When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.

#### Certified Plus Credential:
Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

<table>
<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>4, 5</td>
<td>1. Recognize and identify pipeline mechanic tools.</td>
<td></td>
</tr>
<tr>
<td>1, 3</td>
<td>2. Demonstrate the ability to safely use and care for pipeline mechanic hand tools.</td>
<td></td>
</tr>
<tr>
<td>3, 4, 5</td>
<td>3. Recognize and identify pipeline mechanic power tools.</td>
<td></td>
</tr>
<tr>
<td>2, 6</td>
<td>4. Demonstrate the ability to safely use and care for pipeline mechanic power tools.</td>
<td></td>
</tr>
</tbody>
</table>
PIPELINE MECHANICAL LEVEL ONE — MODULE 63104-02 PERFORMANCE PROFILE

**Objective** | **TASK** | **RATING**
--- | --- | ---
1, 2 | 1. Identify symbols and abbreviations on P&IDS. |  
1, 2 | 2. Identify piping arrangement drawings. |  
1, 2, 3 | 3. Read and interpret coordinates, control points, and elevation. |  
1, 2 | 4. Read and interpret P&IDs, plan views, and section views. |  
1, 2 | 5. Identify, read, and interpret isometric drawings. |  
1, 3 | 6. Read and interpret assembly and detail drawings. |  

**Certified Plus Credential:** Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task

Also, list the date the testing for each task was completed.

**Recognition:** When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.
Craft: Pipeline Mechanical
Module Number: 63105-02
Module Title: Tubing, Threaded Pipe, and Hoses

TRAINEE NAME: ______________________________________________________________

TRAINEE SOCIAL SECURITY NUMBER: __________________________________________

CLASS: ______________________________________________________________________

TRAINING PROGRAM SPONSOR:________________________________________________

____________________________________________________________________________

INSTRUCTOR:________________________________________________________________

Rating Levels: (1) Passed: performed task   (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program,
be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

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<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1. Identify and explain the materials used in tubing systems.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2. Identify, use, and care for tubing cutters, benders, and flaring tools.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3. Demonstrate the ability to properly fabricate tubing systems.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4. Identify and explain the materials used in threaded piping systems.</td>
<td></td>
</tr>
</tbody>
</table>

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PIPETLINE MECHANICAL LEVEL ONE — MODULE 63105-02 PERFORMANCE PROFILE
<table>
<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>5. Demonstrate the ability to safely use and care for pipe threading tools.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>6. Demonstrate the ability to properly fabricate threaded piping systems.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>7. Identify and select type and sizes of hoses.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8. Demonstrate the ability to properly maintain hoses used in control systems.</td>
<td></td>
</tr>
</tbody>
</table>
**Objective** | **TASK** | **RATING**
--- | --- | ---
1 | 1. Identify and explain threaded fasteners. | 
1 | 2. Identify and explain nonthreaded fasteners. | 
2 | 3. Identify and explain insulation fasteners. | 
3 | 4. Demonstrate the ability to properly install fasteners. | 

Recognition:
When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential:
Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.
## Objective | TASK | RATING
--- | --- | ---
1 | 1. Identify types of valves that start and stop flow. |  
1 | 2. Identify types of valves that regulate flow and pressure. |  
1, 2 | 3. Identify and explain the function of various types of relief valves. |  
4 | 4. Demonstrate the ability to perform preventative maintenance. |  
4 | 5. Demonstrate the ability to perform regular lubrication of valves. |  

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.
## Objective | TASK |
--- | --- |
5 | 6. Demonstrate the ability to properly winterize valves. |
6 | 7. Demonstrate the ability to properly install threaded valves. |
6 | 8. Demonstrate the ability to properly install flanged valves. |
3 | 9. Show how to properly isolate and purge a valve. |
## PERFORMANCE PROFILE SHEET

**Craft:** Pipeline Mechanical  
**Module Number:** 63108-02  
**Module Title:** Identify Types of Valve Actuators/Operators

**TRAINEE NAME:** ______________________________________________________________

**TRAINEE SOCIAL SECURITY NUMBER:** __________________________________________

**CLASS:** ______________________________________________________________________

**TRAINING PROGRAM SPONSOR:** ________________________________________________

**INSTRUCTOR:** ________________________________________________________________

---

**Rating Levels:**  
(1) Passed: performed task  
(2) Failed: did not perform task

**Recognition:**  
When testing for the NCCER Standardized Training Program, be sure to record Performance testing results on NCCER Training Report Form 200 and submit the results to the Training Program Sponsor.

**Certified Plus Credential:**  
Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

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<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1. Identify types of actuators.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2. Identify types of actuator controls.</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3. Explain principles of operation.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4. Demonstrate how to perform general maintenance on actuators.</td>
<td></td>
</tr>
</tbody>
</table>

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PIPELINE MECHANICAL LEVEL ONE — MODULE 63108-02 PERFORMANCE PROFILE
**Objective** | **TASK** | **RATING**
---|---|---
1 | 1. Identify and explain types of seals. |  
1 | 2. Identify and explain seal materials. |  
2 | 3. Demonstrate the ability to properly remove and install seals. |  
3 | 4. Identify and explain gasket types. |  

*Rating Levels: (1) Passed: performed task  (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

**Recognition:**
When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Craft Training Report Form 200, and submit the results to the Training Program Sponsor.

**Certified Plus Credential:** Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

*Continued*
<table>
<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5. Identify and explain gasket materials.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>6. Demonstrate the ability to properly lay out and cut gaskets.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>7. Demonstrate the ability to properly install gaskets.</td>
<td></td>
</tr>
</tbody>
</table>