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 an 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.
Performance Profile Sheet

Craft: Pipefitting Level 4 Module 08401
Module: 08401
Module Title: Advanced Blueprint Reading

TRAINEE NAME: ____________________________________
TRAINING PROGRAM SPONSOR: ___________________________
INSTRUCTOR: _________________________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

<table>
<thead>
<tr>
<th>OBJECTIVE</th>
<th>TASK</th>
<th>RATING</th>
<th>DATE</th>
<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Calculate the total line length from an ISO.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Sketch an ISO from a plan view.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Performance Profile Sheet

Craft: Pipefitting – Module 08402
Module: 08402
Module Title: Advanced Pipe Fabrication

TRAINEE NAME: __________________________________________________
TRAINING PROGRAM SPONSOR: ____________________________________
INSTRUCTOR: ____________________________________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

<table>
<thead>
<tr>
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<th>RATING</th>
<th>DATE</th>
<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Calculate a three-line, 45-degree, equal-spread offset.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Calculate and lay out a tank coil.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lay out and fabricate a three-piece mitered turn (degree to be determined by instructor).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lay out and fabricate a four-piece, 90-degree, mitered turn.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lay out and fabricate a wye.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lay out and fabricate a saddle.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Performance Profile Sheet

Craft: Pipefitting Level 4 Module 08403
Module: 08403
Module Title: Stress Relieving and Aligning

TRAINEE NAME: ____________________________________

TRAINING PROGRAM SPONSOR: _________________________
INSTRUCTOR: ________________________________________

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

Be sure to list the date the testing for each task was completed.

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

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<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Identify three methods used to stress-relieve welds.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Indicate the area of a pipe that needs to be stress-relieved.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Performance Profile Sheet

Craft: Pipefitting Level 4 Module 08405
Module: 08405
Module Title: In-Line Specialties

TRAINEE NAME: ____________________________________
TRAINING PROGRAM SPONSOR: ________________________
INSTRUCTOR: ________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

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<th>DATE</th>
<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Identify a number of specialties, at the discretion of the instructor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Install steam traps.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Identify specific problems and corrective actions required for faulty steam traps.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Craft: Pipefitting Level 4 Module 08406
Module: 08406
Module Title: Special Piping

TRAINEE NAME: ________________________________________________
TRAINING PROGRAM SPONSOR: ____________________________________
INSTRUCTOR: __________________________________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Install flared fittings using copper tubing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Install compression fittings using copper tubing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Solder copper tubing joints.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Braze copper tubing joints.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bend pipe or tubing to a specified radius.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Install grooved pipe couplings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Performance Profile Sheet

Craft: PipeFitting Level 4 Module 08407
Module: 08407
Module Title: Hot Taps

TRAINEE NAME: ________________________________________________
TRAINING PROGRAM SPONSOR: ____________________________________
INSTRUCTOR: ___________________________________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

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<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Identify mechanical joint stops and fittings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Identify bolt-weld stops and fittings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Identify split-tee fittings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Performance Profile Sheet

Craft: Pipefitting Level 4 Module 08408
Module: 08408
Module Title: Maintaining Valves

TRAINEE NAME: ___________________________________________________
TRAINING PROGRAM SPONSOR: ____________________________________
INSTRUCTOR: _____________________________________________________

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

Recognition:
When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.

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<th>START TIME</th>
<th>END TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Demonstrate how to remove and install threaded valves.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Remove and install flanged valves.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Replace bonnet gaskets.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Replace valve stem O-rings.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Demonstrate repacking a valve.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
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**Objective Task Rating**

<table>
<thead>
<tr>
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<th>End Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Develop and present a look-ahead schedule.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Develop an estimate for a given work activity.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Be sure to list the date the testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, record performance testing results and submit them to your Training Program Sponsor through the Registry System.