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.
Module 34101 has no Performance Profile Sheet; no performance testing is required for this module.
1. Properly put on a safety harness

2. Upon a tour of a boiler facility, develop a list of the following noted during the tour:
   - Good safety practices being utilized
   - Potential hazards
   - Good work habits being performed
   - Proximity work being performed
**Objective** | **TASK** | **RATING**
--- | --- | ---
1 | 1. Identify various hand tools. | 
4 | 2. Identify various pneumatic power tools. | 
6 | 3. Identify various electrical power tools. | 
8 | 4. Identify various hydraulic power tools. | 

**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. Given examples of different material markings, properly identify the product. | 

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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Given samples of the following products, measure the sample and record the correct ASTM marking for each sample:

- Plate steel
- Sheet steel
- Bar steel (various shapes)
- Angle steel
- Channel steel
- Beam steel
- Pipe (with table provided)
- Tubing (round product, not structural)
<table>
<thead>
<tr>
<th>Objective</th>
<th>TASK</th>
<th>RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1. Set up oxyfuel equipment.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2. Light and adjust an oxyfuel torch.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3. Shut down oxyfuel cutting equipment.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>4. Disassemble oxyfuel equipment.</td>
<td></td>
</tr>
</tbody>
</table>

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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<tbody>
<tr>
<td>7</td>
<td>5. Change empty cylinders.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>6. Perform straight line and square shape cutting.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>7. Perform piercing and slot cutting.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>8. Perform bevel cutting.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>10. Perform gouging.</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>11. Heat metal with a rosebud until red hot.</td>
<td></td>
</tr>
</tbody>
</table>
Objective | TASK | RATING
--- | --- | ---
3 | 1. Perform a takeoff from a flange. |  
3 | 2. Lay out the gasket on gasket material. |  
3 | 3. Cut the gasket inside and outside diameters to the proper size plus or minus 1/64 of an inch. |  
3 | 4. Cut the bolt holes to the proper size plus or minus 1/64 of an inch. |  
continued

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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<tbody>
<tr>
<td>4</td>
<td>5. Install the gasket and flange bolts.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>6. Tighten the flange bolts to the proper torque and in the proper sequence.</td>
<td></td>
</tr>
</tbody>
</table>
### Objective TASK

<table>
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<tbody>
<tr>
<td>8</td>
<td>1. Identify a welding rod and/or filler metal by its associated markings.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2. Set up a shielding gas purge on a section of piping or tubing.</td>
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</tr>
<tr>
<td>5</td>
<td>3. Prepare a flat plate for welding with a bevel groove joint.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>4. Run an SMAW bead in the flat position.</td>
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</tbody>
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