

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.

**Module 34101-10 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Boilermaking

Module Number: 34102-10

Module Title: Boilermaking Safety



Contren® Learning Series

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.

Objective	TASK	RATING
4	1. Properly put on a safety harness.	
4	2. Select and inspect the proper PPE required for a given hazard identified by the instructor.	
5	3. Complete a hazard analysis for a given work situation identified by the instructor.	

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Craft: Boilermaking

Module Number: 34103-10

Module Title: Boilermaking Tools



Contren® Learning Series

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.

Objective	TASK	RATING
3	1. Select the tools required for given applications to be determined by the instructor:	
	<ul style="list-style-type: none"> • Boilermaking hand tools 	
	<ul style="list-style-type: none"> • Electric tools 	
	<ul style="list-style-type: none"> • Pneumatic tools 	
	<ul style="list-style-type: none"> • Hydraulic tools 	

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Craft: Boilermaking

Module Number: 34104-10

Module Title: Basic Materials



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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.

Objective	TASK	
3	1. Given examples of different material markings, properly identify the product.	

continued

Craft: Boilermaking

Module Number: 34104-10

Module Title: Basic Materials



Contren® Learning Series

Objective	TASK	RATING
3	2. Given samples of the following products, measure the sample and record the correct ASTM marking for each sample:	
	<ul style="list-style-type: none"> • Plate steel 	
	<ul style="list-style-type: none"> • Sheet steel 	
	<ul style="list-style-type: none"> • Bar steel (various shapes) 	
	<ul style="list-style-type: none"> • Angle steel 	
	<ul style="list-style-type: none"> • Channel steel 	
	<ul style="list-style-type: none"> • Beam steel 	
	<ul style="list-style-type: none"> • Pipe (with table provided) 	
	<ul style="list-style-type: none"> • Tubing (round product, not structured) 	

Craft: Boilermaking

Module Number: 34105-10

Module Title: Oxyfuel Cutting



Contren® Learning Series

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.

Objective	TASK	RATING
3	1. Set up oxyfuel equipment and light, adjust, and shut off an oxyfuel torch.	
4	2. Shut down and disassemble oxyfuel equipment, and change cylinders.	

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Craft: Boilermaking

Module Number: 34105-10

Module Title: Oxyfuel Cutting



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Objective	TASK	RATING
5	3. Operate oxyfuel cutting equipment to perform the following on various thicknesses of steel:	
	<ul style="list-style-type: none"> • Piercing 	
	<ul style="list-style-type: none"> • Making a straight line cut 	
	<ul style="list-style-type: none"> • Making a square shape 	
	<ul style="list-style-type: none"> • Beveling an edge 	
	<ul style="list-style-type: none"> • Washing 	

<p style="text-align: center;">Boilermaking</p> <p>Module Number: 34106-10</p> <p>Module Title: Cutting and Fitting Gaskets</p>	 Contren® Learning Series
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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.

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 to the proper size $\pm \frac{1}{16}$ of an inch.	
3	4. Cut the bolt holes to the proper size $\pm \frac{1}{16}$ of an inch.	

continued

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Craft: Boilermaking

Module Number: 34106-10

Module Title: Cutting and Fitting Gaskets



Contren® Learning Series

Objective	TASK	RATING
4	5. Install the gasket and flange bolts.	
4	6. Tighten the flange bolts to the proper torque and in the proper sequence.	

Craft: Boilermaking

Module Number: 34107-10

Module Title: Base Metal Preparation



Contren® Learning Series

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.

Objective	TASK	RATING
1	1. Clean base metal for welding or cutting using the correct tools.	
2	2. Mechanically bevel the edge of a mild steel plate per instructor's specifications.	
3	3. Thermally bevel the end of a mild steel plate per instructor's specifications.	

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Craft: Boilermaking

Module Number: 34108-10

Module Title: Welding Basics



Contren® Learning Series

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.

Objective	TASK	RATING
10	1. Identify welding rods and/or filler metal by their associated markings.	
2	2. Set up a shielding gas purge on a section of piping or tubing.	
1	3. Identify welding equipment associated with different welding procedures.	

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