

## **NOTE ON PERFORMANCE TESTING**

Performance Profile Sheet(s) are included in a format that can be easily photocopied for each trainee. This examination is 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, and start and end times for each task in the rating boxes.
- 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**

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If Performance Testing is done as part of NCCER's Training Program, the following conditions must be met:

1. The Craft Instructor must hold valid NCCER instructor certification.
2. The training must be delivered through an Accredited Training Sponsor recognized by NCCER.
3. The specific performance testing must be completed successfully.
4. The results of the testing must be recorded on Training Report Form 200. This form must be provided to the local Accredited Training Sponsor to be forwarded to NCCER's Registry Department.

**Module One: 30313-12 has no Performance Profile Sheet;  
performance testing is not required for this module.**

# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Two: 30314-12**

**Module Title: Flux Core for Ironworking**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Set up FCAW equipment with and without shielding gases.				
5	2. Make multiple-pass FCAW fillet welds on carbon steel plate coupons in the following positions:				
	• 1F				
	• 2F				
6	3. Make multiple-pass FCAW V-groove welds on carbon steel plate coupons in the following positions (with or without backing):				
	• 1G				
	• 2G				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Three: 30304-12**

**Module Title: Stud Welding**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3	1. Set up the stud machine.				
3	2. Adjust the stud gun for the size, type, and depth of studs.				
4	3. Inspect a stud to make sure the stud has been properly installed.				
2	4. Identify the parts of a stud welding gun.				

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**Module Four: 30312-12 has no Performance Profile Sheet;  
performance testing is not required for this module.**

# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Five: 38301-11**

**Module Title: Advanced Rigging**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	1. Select the appropriate spreader bars or equalizer beam for a given load.				
5	2. Demonstrate the ability to determine the center of gravity for a non-symmetrical load.				
6	3. Given a particular load, select the appropriate sling(s) for a lift.				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Six: 30311-12**

**Module Title: Precast/Tilt-Up Erection**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Develop a JHA for precast erection.				
2	2. Develop a JHA for tilt-up erection.				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Seven: 30307-12**

**Module Title: Special Application Hoisting Devices**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Rig high lines.				

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# PERFORMANCE PROFILE SHEET



**Craft:** Ironworking

**Module Eight:** 30315-12

**Module Title:** Survey Equipment Use and Care Two

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Set up a theodolite over a point and backsight to another point.				
2	2. Sweep a column for plumb with a theodolite.				
3	3. Set up additional reference points by turning 90-degree angles.				
7	4. Demonstrate how to properly hold a prism and surveying rod.				

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**Module Nine: 30302-12 has no Performance Profile Sheet;  
performance testing is not required for this module.**

# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Ten: 30303-12**

**Module Title: Miscellaneous/Ornamental Ironworking**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Identify different types of metals used for ornamental ironworking.				
2	2. Identify different types of ornamental ironworking components.				
4	3. Identify different types of metal finishes and coatings.				
5	4. Install miscellaneous anchors, including epoxy and stud bolts, and describe how they are installed.				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Eleven: 30316-12**

**Module Title: Grating and Checkered Plate**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3	1. Demonstrate the proper rigging application of grating and checkered plate.				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Twelve: 29104-09**

**Module Title: Air Carbon Arc Cutting and Gouging**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Select and install CAC-A electrodes.				
3	2. Prepare the work area and CAC-A equipment for safe operation.				
4	3. Use CAC-A equipment for washing.				
4	4. Use CAC-A equipment for gouging.				
5	5. Perform storage and housekeeping activities for CAC-A equipment.				

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# PERFORMANCE PROFILE SHEET



**Craft: Ironworking**

**Module Thirteen: 30310-12**

**Module Title: Demolition**

**NCCER TRAINING**

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 on Training Report Form 200, and submit the results to your Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	1. Wash weld.				
4	2. Wash the head of a bolt (to simulate cutting head off a rivet).				
4	3. Properly use a demolition saw.				

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