

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 15201-07 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Millwright

Module Number: 15202-07

Module Title: Field Sketching



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. Sketch straight lines.	
2	2. Sketch angles.	
3	3. Sketch arcs and circles.	
4	4. Sketch ellipses.	

continued

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Craft: Millwright

Module Number: 15202-07

Module Title: Field Sketching



Objective	TASK	RATING
5	5. Sketch dimensions.	
6	6. Make orthographic sketches.	
7	7. Make oblique sketches.	
7	8. Make isometric sketches.	

Craft: Millwright

Module Number: 15203-07

Module Title: Intermediate Blueprint Reading



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. Interpret an orthographic projection.	
2	2. Interpret piping and hydraulic and pneumatic schematic drawings.	
3	3. Interpret isometric drawings.	

Craft: Millwright

Module Number: 15204-07

Module Title: Specialty 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.

Objective	TASK	RATING
1-11	1. Demonstrate the safe use and basic maintenance of the following:	
1	• Torque multipliers	
2	• Cable cutters	

continued

Craft: Millwright

Module Number: 15204-07

Module Title: Specialty Tools



Objective	TASK	RATING
3	• Nut splitters	
4	• Keyseat rules	
5	• Depth gauges	
6	• Bevels	
7	• Telescoping gauges	
8	• Radius gauges	
9	• Drill gauges	
10	• Thickness gauge stock	
11	• Plasti-gauges	

Craft: Millwright

Module Number: 15205-07

Module Title: Millwright 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.

Objective	TASK	RATING
2-6, 10-11	1. Demonstrate the safe use and basic maintenance of the following:	
2	• Drill presses	
3	• Hydraulic presses	
4	• Pipe threading machines	
5	• Nibblers	

continued

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Craft: Millwright

Module Number: 15205-07

Module Title: Millwright Power Tools



Objective	TASK	RATING
6	<ul style="list-style-type: none"> • Bandsaws 	
10	<ul style="list-style-type: none"> • Bearing heaters 	
11	<ul style="list-style-type: none"> • Drills 	
12	2. Perform precision drilling.	

Craft: Millwright

Module Number: 15206-07

Module Title: Rigging



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. Identify and explain rigging hardware and equipment.	
2	2. Inspect rigging equipment.	

continued

Craft: Millwright

Module Number: 15206-07

Module Title: Rigging



Objective	TASK	RATING
3	3. Select, use, and maintain the following rigging equipment:	
	<ul style="list-style-type: none"> • Chain hoists 	
	<ul style="list-style-type: none"> • Come-alongs 	
	<ul style="list-style-type: none"> • Jacks 	
	<ul style="list-style-type: none"> • Tugger 	
7	4. Explain load balancing.	
6	5. Read and interpret lifting capacity charts.	

Craft: Millwright

Module Number: 15207-07

Module Title: Setting Baseplates and Soleplates



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. Establish baseplate and soleplate locations and elevations.	
2	2. Set anchor bolts:	
	• Poured-in-concrete	
	• Expanding	
	• Epoxy	

continued

Craft: Millwright

Module Number: 15207-07

Module Title: Setting Baseplates and Soleplates



Objective	TASK	RATING
2	3. Set shim packs.	
2	4. Set up a piano wire jig.	
2	5. Set baseplates and soleplates.	
3	6. Field-verify a plate installation.	

Craft: Millwright

Module Number: 15208-07

Module Title: Lubrication



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. Read and interpret an MSDS.	
12	2. Identify and use lubrication equipment to apply lubricants.	
13	3. Read and interpret a lubrication chart.	

Craft: Millwright

Module Number: 15209-07

Module Title: Introduction to Bearings



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. Identify various types of bearings.	
3	2. Identify parts of bearings.	