

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.

Craft: Millwright

Module Number: 15501-09

Module Title: Reverse Alignment



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. Measure shaft runout, using a dial indicator jig.	
4	2. Set up a complex reverse alignment jig.	

continued

Craft: Millwright

Module Number: 15501-09

Module Title: Reverse Alignment



Contren® Learning Series

Objective	TASK	RATING
5	3. Measure indicator sag, using a complex reverse dial indicator jig.	
6	4. Perform reverse alignment, using the alignment demonstration rig and the graphical chart.	
7	5. Perform reverse alignment, using the alignment demonstration rig and the mathematical equation.	

Craft: Millwright

Module Number: 15502-09

Module Title: Laser Alignment



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. Identify the major components of a laser alignment system.	
2	2. Perform a rough alignment.	
2	3. Set up the laser alignment equipment.	

continued

Craft: Millwright

Module Number: 15502-09

Module Title: Laser Alignment



Contren® Learning Series

Objective	TASK	RATING
2	4. Check the initial alignment.	
2	5. Perform a vertical alignment using a laser.	
2	6. Perform a horizontal alignment using a laser.	

Craft: Millwright

Module Number: 15503-09

Module Title: Advanced Blueprint Reading



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
2, 4 , 5	1. Find detail drawings, using assembly drawings.	
2, 4, 5, 8	2. Find assembly drawings, using detail drawings.	
3, 4, 5, 7	3. Use a bill of materials to perform a materials take-off.	

Craft: Millwright

Module Number: 15504-09

Module Title: Optical Alignment



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. Check level, using one of the following:	
	• Theodolite	
	• Precision tilting level	
	• Total station	
	• Auto level	

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**Module 15505-09 has no Performance Profile Sheet;
no performance testing is required for this module.**

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Craft: Millwright

Module Number: 15506-09

**Module Title: Maintaining and Repairing
Turbine Components**



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
1-6	1. Identify six of the following pieces of turbine equipment:	
	<ul style="list-style-type: none"> • Sealing glands 	
	<ul style="list-style-type: none"> • Carbon rings 	

continued

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Craft: Millwright

Module Number: 15506-09

**Module Title: Maintaining and Repairing
Turbine Components**



Contren® Learning Series

Objective	TASK	RATING
	<ul style="list-style-type: none"> • Rotor bearings 	
	<ul style="list-style-type: none"> • Nozzle rings 	
	<ul style="list-style-type: none"> • Governor 	
	<ul style="list-style-type: none"> • Trip linkage 	
	<ul style="list-style-type: none"> • Rotor 	
	<ul style="list-style-type: none"> • Oil pump 	

Craft: Millwright

Module Number: 15507-09

Module Title: Installing Electric Motors



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. Demonstrate proper storage methods for motors.	
3, 4, 5	2. Properly install a motor.	

**Module 15508-09 has no Performance Profile Sheet;
no performance testing is required for this module.**

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no performance testing is required for this module.**