

## **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.

### **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](http://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.



**Craft: Power Generation Maintenance Mechanic**

**Module Number: 52401-10**

**Module Title: Vibration and Balancing**



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.

**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
5, 7	1. Collect and analyze vibrational data from a rotating part inside an operational machine.	
7	2. Demonstrate or identify where to place a temporary weight, based on a given set of balance data.	

**Module 32401-09 has no Performance Profile Sheet;  
no performance testing is required for this module.**

**Craft: Power Generation Maintenance Mechanic**

**Module Number: 52402-10**

**Module Title: Fuel Preparation and Delivery Equipment**



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.

**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
2	1. Identify solid fuel preparation equipment from drawings or pictures of actual equipment.	
4	2. Inspect, lubricate, and adjust or repair belt conveyors and feed conveyors used in the delivery of solid fuels to a furnace.	
4	3. Inspect, lubricate, and adjust or repair breakers and crushers or shredders used in the preparation of solid fuels for a furnace.	
4	4. Inspect, lubricate, and adjust or repair coal pulverizers.	

Copyright © 2010 National Center for Construction Education and Research. Permission is granted to reproduce this page provided that copies are for local use only and that each copy contains this notice.

**Craft: Industrial Maintenance Mechanic**

**Module Number: 32212-07**

**Module Title: Introduction to Tube Work**



**contren**<sup>®</sup>  
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.

**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. Identify rolling equipment.	
3	2. Select the tools necessary for rolling tubes.	
3	3. Identify types of plugs.	

**Craft: Industrial Maintenance Mechanic**

**Module Number: 32403-09**

**Module Title: Compressors and Pneumatic Systems**



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.

**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
2	1. Identify at least four components of basic pneumatic equipment.	
8	2. Identify various types of compressors.	

**Craft: Industrial Maintenance Mechanic**

**Module Number: 32407-09**

**Module Title: Troubleshooting and Repairing Pumps**



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.

**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, 2	1. Inspect and/or troubleshoot a pump.	
5, 6	2. Disassemble and reassemble a pump.	



**Craft: Industrial Maintenance Mechanic**

**Module Number: 32305-08**

**Module Title: Setting Baseplates and Prealignment**



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.

**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. Establish baseplate and soleplate locations and elevations for a specified plate installation.	
2	2. Set anchor bolts and shim packs.	
2	3. Set up a piano wire jig.	
2	4. Set a baseplate and soleplate.	

continued

Copyright © 2008 National Center for Construction Education and Research. Permission is granted to reproduce this page provided that copies are for local use only and that each copy contains this notice.

**Craft: Industrial Maintenance Mechanic****Module Number: 32305-08****Module Title: Setting Baseplates and Prealignment**

Contren® Learning Series

<b>Objective</b>	<b>TASK</b>	<b>RATING</b>
4	5. Field-verify a plate installation.	
5	6. Set a piece of driven equipment.	
6	7. Set a driver.	

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

**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.

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

continued

**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"> <li>• Rotor bearings</li> </ul>	
	<ul style="list-style-type: none"> <li>• Nozzle rings</li> </ul>	
	<ul style="list-style-type: none"> <li>• Governor</li> </ul>	
	<ul style="list-style-type: none"> <li>• Trip linkage</li> </ul>	
	<ul style="list-style-type: none"> <li>• Rotor</li> </ul>	
	<ul style="list-style-type: none"> <li>• Oil pump</li> </ul>	