

## **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.

### **Certified Plus Credential**

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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 that 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.

**Module One: 22101-12 has no Performance Profile Sheet;  
performance testing is not required for this module.**

# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Two: 22102-12**

**Module Title: Heavy Equipment Safety**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3	1. Demonstrate how to use various types of personal protection equipment (PPE):				
	• Hard hat				
	• Safety glasses				
	• Ear protection				
	• Gloves				
	• Safety harness				
	• Reflective safety vests				
4	2. Place barricades and temporary traffic control devices for a highway construction zone.				
4	3. Demonstrate how to use flags or paddles to control traffic.				

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# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Three: 22103-12**

**Module Title: Identification of Heavy Equipment**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Identify the various types of heavy equipment and their uses.				
2	2. Identify the basic parts of each type of equipment and explain the differences in models of types of equipment.				

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# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Four: 22104-12 (Page 1 of 2)**

**Module Title: Basic Operational Techniques**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1, 3	1. Perform basic prestart inspection, startup, operational movement, and shutdown for the following types of heavy equipment:				
	• Utility tractors				
	• Dozers				
	• Loaders				
	• Backhoes				
	• Excavators				
	• Compaction equipment				
	• Motor graders				
	• Scrapers				

continued

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# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Four: 22104-12 (Page 2 of 2)**

**Module Title: Basic Operational Techniques**

**NCCER TRAINING**

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	<ul style="list-style-type: none"><li>On-road dump trucks</li></ul>				
	<ul style="list-style-type: none"><li>Off-road dump trucks</li></ul>				
	<ul style="list-style-type: none"><li>Forklifts</li></ul>				
	<ul style="list-style-type: none"><li>Skid steers</li></ul>				
	<ul style="list-style-type: none"><li>Trenchers</li></ul>				

# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Five: 22105-12**

**Module Title: Utility Tractors**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
6	1. Perform prestart inspection and maintenance procedures.				
7	2. Properly start, warm up, and shut down a gas-powered and diesel-powered engine tractor.				
8	3. Perform basic maneuvering with a tractor.				
9	4. Attach implements to a drawbar and three-point hitch.				
9	5. Attach and detach implements to a power takeoff.				

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# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Six: 22201-12**

**Module Title: Introduction to Earth Moving**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3	1. Draw a plan for basic earthmoving operations:				
	• Clearing and grubbing				
	• Excavating the foundation				
	• Constructing embankments				
	• Backfilling				
	• Compacting				
6	2. Lay out a basic earthmoving operation.				
5	3. Identify and select the proper equipment for a given earthmoving operation.				

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# PERFORMANCE PROFILE SHEET



**Craft: Heavy Equipment Operations**

**Module Seven: 22106-12**

**Module Title: Grades**

**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.

**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 for eligibility requirements, or contact NCCER for more information.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Identify types of stakes and markings on stakes.				
5	2. Check horizontal and vertical distance of cut and fill slope stakes.				
6	3. Check finish subgrade on a cross slope.				

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