

## **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 02301-14 has no Performance Profile Sheet;  
no performance testing is required for this module.**

**Craft:** Plumbing Level Three  
**Module:** Module Two, 02312-14  
**Module Title:** Sizing and Protecting the Water Supply System



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Using design information provided by the instructor, lay out a water supply system and calculate developed lengths of branches.				
3	Install common types of backflow preventers.				

**Craft:** Plumbing Level Three  
**Module:** Module Three, 02303-14  
**Module Title:** Potable Water Supply Treatment



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Flush out visible contaminants from a plumbing system.				
2	Install a reverse-osmosis system.				
3	Identify the basic equipment necessary to solve specific water quality problems.				

**Craft:** Plumbing Level Three  
**Module:** Module Four, 02305-14  
**Module Title:** Types of Venting



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Install different types of vents.				

**Craft:** Plumbing Level Three  
**Module:** Module Five, 02306-14  
**Module Title:** Sizing DWV and Storm Systems



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Calculate drainage fixture units for a plumbing system.				
1	Size branch lines for plumbing fixtures.				
1	Size waste stacks.				
1	Size building drains and sewers.				
1	Size vents according to local code.				
2	Determine annual rainfall and 10-, 25-, 50-, and 100-year averages per your local code.				
2	Calculate the surface area of a roof for storm-system sizing.				
2	Size conventional roof drainage systems for storm-water removal.				

**Craft:** Plumbing Level Three  
**Module:** Module Six, 02307-14  
**Module Title:** Sewage Pumps and Sump Pumps



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Using a detailed drawing provided by the instructor, identify system components.				
1	Install a sump pump.				
1	Install and adjust sensors, switches, and alarms in sewage and sump pumps.				
2	Troubleshoot sewage and sump pumps.				

**Craft:** Plumbing Level Three  
**Module:** Module Seven, 02308-14  
**Module Title:** Corrosive-Resistant Waste Piping



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	Identify the circumstances in which corrosive-resistant waste piping should be installed.				
2	Identify the neutralizing agents of an acid.				
2	Connect three different types of corrosive-resistant waste piping using proper techniques and materials.				



**Craft:** Plumbing Level Three  
**Module:** Module Eight, 02309-14  
**Module Title:** Compressed Air



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	Identify components of compressed-air systems.				
4	Design a basic compressed-air system.				

**Craft:** Plumbing Level Three  
**Module:** Module Nine, 02311-14  
**Module Title:** Service Plumbing



TRAINEE NAME: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

**Rating Levels:** (1) Passed: performed task (2) Failed: did not perform task  
 Also, list the date for testing for each task was completed.

**Recognition:** When testing for the NCCER Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Troubleshoot and repair problems with water supply systems.				
3	Troubleshoot and repair problems with fixtures, valves, and faucets using the proper tools and replacement parts.				
3	Use manufacturer's instructions to disassemble and re-assemble a valve.				
3	Troubleshoot and repair problems with water heaters.				
4	Troubleshoot and repair problems with DWV systems.				