

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

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.

PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level 3: Substation

Module One: 40308-09

Module Title: Temporary Grounding

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	1. Apply temporary grounding for a given application using the correct PPE, tools, and parts.				
4	2. Demonstrate inspection and storage of temporary grounding components.				

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PERFORMANCE PROFILE SHEET

Craft: Power Line Worker Level Three: Substation

Module Two: 82301-12

Module Title: Advanced Drawing Reading



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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Identify three specific components on a schematic diagram provided by the instructor.				
3	2. Locate the types and placement of equipment according to a general arrangement drawing provided by the instructor.				

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PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Three: 82302-12

Module Title: Medium- and High-Voltage Equipment Installation

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
6	1. Create a step-by-step plan for the installation of a transformer.				
3, 5, and 6	2. Locate instructor-requested information in an installation manual for at least one of the following components:				
	• Disconnect switches				
	• Circuit breakers				
	• Capacitor banks				
	• Reactors				

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PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Four: 82303-12

Module Title: Control House

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3, 4	1. Lay out a control or relay panel.				
1	2. Build a DC circuit.				

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PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Five: 82304-12

Module Title: Connectors, Conductor Terminations, and Splices

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
4	1. Properly make a medium/high-voltage cable termination or splice with a termination kit.				
4	2. Test a termination or splice with a hi-pot.				
4	3. Use a hydraulic press (greater than 15 tons) on a connector.				

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PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Two: 82305-12 (page 1 of 2)

Module Title: Equipment Testing and Maintenance

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Perform the following tasks on a battery:				
	• Confirm the battery voltage readings.				
	• Confirm cell voltage readings.				
	• Record the specific gravity reading.				
	• Adjust the electrolyte.				
	• Clean and neutralize the battery casing.				
	• Adjust the battery charger.				

continued

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PERFORMANCE PROFILE SHEET



**Craft: Power Line Worker Level Three: Distribution
Module Two: 82305-12 (page 2 of 2)**

Module Title: Equipment Testing and Maintenance

NCCER TRAINING

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	2. Perform the following tasks on disconnects, switches, or circuit switchers:				
	<ul style="list-style-type: none"> Clean and lubricate. 				
	<ul style="list-style-type: none"> Exercise the switch. 				
	<ul style="list-style-type: none"> Adjust for proper engagement of the contact surfaces. 				
	<ul style="list-style-type: none"> Perform a DLRO test. 				
4	3. Perform the following tasks on a capacitor, capacitor bank, or reactor:				
	<ul style="list-style-type: none"> Check capacitance value. 				
	<ul style="list-style-type: none"> Check the integrity of the reactors. 				
5	4. Perform the following tasks on a circuit breaker:				
	<ul style="list-style-type: none"> Make control cabinet measurements and checks. 				
	<ul style="list-style-type: none"> Perform a DLRO test. 				
	<ul style="list-style-type: none"> Perform a dielectric test. 				

PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Two: 82306-12

Module Title: System Protection and Control

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3	1. Draw a basic trip and close circuit.				
2	2. Identify the components used in system protection and control.				

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PERFORMANCE PROFILE SHEET



Craft: Power Line Worker Level Three: Substation

Module Seven: 46101-11

Module Title: Fundamentals of Crew Leadership

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.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
7	1. Develop an estimate for a given work activity. (Section Four)				
8	2. Develop and present a look ahead-schedule. (Section Four)				

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