

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.

**Module One, 29101-09, has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: **Structural Fitter Level One**

Module: **Module Two, 29102-09**

Module Title: **Oxyfuel Cutting**



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	Set up oxyfuel equipment.				
3	Light and adjust an oxyfuel torch.				
4	Shut down oxyfuel cutting equipment.				
5	Disassemble oxyfuel equipment.				
6	Change empty cylinders.				
7	Cut shapes from various thicknesses of steel, emphasizing:				
	• Straight line				
	• Square shape				
	• Piercing				
	• Bevel				
	• Slot				
7	Perform washing.				
7	Perform gouging.				

Craft: **Structural Fitter Level One**
Module: **Module Three, 29105-09**
Module Title: **Base Metal Preparation**



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	Mechanically bevel the edge of a mild steel plate 1/4" to 3/4" thick at 22-1/2 degrees (or 30 degrees, depending on the equipment available).				
5	Thermally prepare a bevel.				

**Module Four, 29106-09, has no Performance Profile Sheet;
no performance testing is required for this module.**

**Module Five, 29108-09, has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: **Structural Fitter Level One**

Module: **Module Six, 86101-14**

Module Title: **Tack Welding**



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	Set up proper arc welding equipment.				
2	Properly strike and extinguish an arc.				
3	Perform tack welds in the following positions to be break-tested by the instructor:				
	•Flat (1F)				
	•Horizontal (2F)				
	•Vertical (3F)				
	•Overhead (4F)				

Craft: **Structural Fitter Level One**

Module: **Module Seven, 86102-14**

Module Title: **Fire Watch**



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	Demonstrate the RACE method in response to a simulated fire.				
1	Demonstrate the PASS method on a simulated fire.				
2	Complete a fire watch test.				
3	Select the correct fire extinguisher for different classes of fires.				
3	Inspect extinguishers and their components.				

Craft: **Structural Fitter Level One**
Module: **Module Eight, 86103-13**
Module Title: **Introduction to Structural Fitter Drawings**



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 components on a bill of materials and their location on a fabrication drawing.				

Craft: Structural Fitter Level One
Module: Module Nine, 86104-14
Module Title: Fitting I



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
3	Remove welded fittings aids properly.				
3	Interpret drawings and verbal instructions for fitting/assembling.				
3	Apply math calculations and use standard/metric forms of measurements to lay out and fit parts.				
3	Square and mark work surfaces using the 3-4-5 method.				
3	Perform proper fit procedures related to fitting tasks in the downhand (flat) position, including:				
	• Longitudinals				
	• Bulkheads				
	• Frames				

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	<ul style="list-style-type: none"> • Miscellaneous structural items (chocks, headers, collars, brackets, clips) 				
3	Fit up plate joints using alignment tools and check for misalignment and poor fit-up.				