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.

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module One, 29201
Module Title: Welding Symbols

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1d	Identify and interpret welding symbols on an instructor-provided drawing.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Two, 29202
Module Title: Reading Welding Detail 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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1b, 2b	Draw or sketch a welding drawing based on an instructor-provided image or object.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Three, 29111
Module Title: SMAW – Groove Welds with Backing

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 Registration of Training Modules Form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Safely set up arc welding equipment for making groove welds.				
2	Make flat welds with backing on V-groove joints using E7018 electrodes.				
2	Make horizontal welds with backing on V-groove joints using E7018 electrodes.				
2	Make vertical welds with backing on V-groove joints using E7018 electrodes.				
2	Make overhead welds with backing on V-groove joints using E7018 electrodes.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Four, 29112
Module Title: SMAW – Open-Root Groove Welds – Plate

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 Registration of Training Modules Form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Make open V-groove welds with E6010 and E7018 electrodes in the following positions:				
2	Flat (1G) position				
2	Horizontal (2G) position				
2	Vertical (3G) position				
2	Overhead (4G) position				

Craft: Maritime Welding Level 2
Module: Module Five, 29205
Module Title: GMAW and FCAW – Equipment and Filler Metals

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1a, 2g, 3b	Set up GMAW and FCAW equipment with appropriate shielding gases and filler metals.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Six, 29209
Module Title: GMAW – Plate

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1c, 2b, 3b	Make multiple-pass GMAW-S (short-circuit) fillet welds on carbon steel plate coupons in all four 1F through 4F positions, using solid or composite electrode.				
1c, 2b, 3b	Make multiple-pass GMAW-S (short-circuit) V-groove welds on carbon steel plate coupons in all four 1G through 4G positions, with or without backing, using solid or composite electrode.				
1c, 2b, 3b	Make multiple-pass GMAW spray-transfer fillet welds on carbon steel plate coupons in both the 1F and 2F positions, using solid or composite electrode.				
1c, 2b, 3b	Make multiple-pass GMAW spray-transfer V-groove welds on carbon steel plate coupons in the 1G position, with backing, using solid or composite electrode.				

Craft: Maritime Welding Level 2
Module: Module Seven, 29210
Module Title: FCAW – Plate

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1c, 2b, 3b	Make multiple-pass FCAW-G/GM (gas-shielded) and/or FCAW-S (self-shielded) fillet welds on carbon steel plate coupons in all four 1F through 4F positions.				
1c, 2b, 3b	Make multiple-pass FCAW-G/GM (gas-shielded) and/or FCAW-S (self-shielded) V-groove welds on carbon steel plate coupons in all four 1G through 4G positions, with or without backing.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Eight, 29207
Module Title: GTAW – Equipment and Filler Metals

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
3a	Select a GTAW shielding gas.				
3c	Select a GTAW filler metal.				
3b	Connect the shielding gas and set the flow rate.				
3c	Select and prepare the tungsten electrode.				
1b, 2e	Break down and reassemble a GTAW torch.				

Performance Profile Sheet (Page 1 of 1) NCCER Training

Craft: Maritime Welding Level 2
Module: Module Nine, 29208
Module Title: GTAW – Plate

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1b, 2b, 3b	Build a pad with stringer beads on carbon steel plate coupons in the flat position, using GTAW equipment and carbon steel filler metal.				
1b, 2b, 3b	Perform multiple-pass fillet welds on carbon steel plate coupons in all four 1F through 4F positions, using GTAW equipment and carbon steel filler metal.				
1b, 2b, 3b	Perform multiple-pass open V-groove welds on carbon steel plate coupons in all four 1G through 4G positions, using GTAW equipment and carbon steel filler metal.				

Module 29203 has no Performance Profile Sheet;
no performance testing is required for this module.

Craft: Maritime Welding Level 2
Module: Module Eleven, 29204
Module Title: Preheating and Postheating of Metals

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 the Registration of Modules Training form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2b	Preheat base metal to 350°F (177°C) and verify preheat using a temperature-indicating device.				