

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 the NCCER Standardized Craft 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 the Registration of Training Modules Form. This form must be provided to the local Accredited Training Sponsor to be forwarded to the NCCER Registry.

Craft: **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. | | | | |

Craft: **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. | | | | |

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

Craft: **Welding Level 2**
Module: **Module Four, 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. | | | | |

Craft: **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. | | | | |

Craft: 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: 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. | | | | |

Craft: **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. | | | | |

Craft: 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. | | | | |