

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.

Craft: Pipefitting

Module Number: 08301-07

Module Title: Rigging Equipment



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|-------------------------------------------------------------------------------|--------|
| 2 | 1. Perform a safety inspection on hooks, slings, and other rigging equipment. | |
| 5 | 2. Select, inspect, use, and maintain special rigging equipment, including: | |
| | • Block and tackle | |
| | • Chain hoists | |
| | • Come-alongs | |

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Craft: Pipefitting

Module Number: 08301-07

Module Title: Rigging Equipment



| Objective | TASK | RATING |
|-----------|-----------------------------------------------------------|--------|
| | <ul style="list-style-type: none">• Jacks | |
| | <ul style="list-style-type: none">• Tuggers | |
| 6 | 3. Tie knots used in rigging. | |

Craft: Pipefitting

Module Number: 08302-07

Module Title: Rigging Practices



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|--------------------------------------------------------|--------|
| 2 | 1. Determine the center of gravity of a load. | |
| 5 | 2. Properly attach rigging hardware for routine lifts. | |
| 1 | 3. Use and interpret hand signals. | |
| 5 | 4. Determine sling tension. | |

**Module 08303-07 has no Performance Profile Sheet;
no performance testing is required for this module.**

**Module 08304-07 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Pipefitting

Module Number: 08305-07

Module Title: Motorized Equipment II



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|----------------------------------------|--------|
| 1-3 | 1. Describe an aerial lift inspection. | |

Craft: Pipefitting

Module Number: 08306-07

Module Title: Introduction to Aboveground Pipe Installation



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|---------------------------------------------|--------|
| 2 | 1. Identify the following types of flanges: | |
| | • Weld neck | |
| | • Slip-on | |
| | • Blind | |

Continued

Craft: Pipefitting

Module Number: 08306-07

Module Title: Introduction to Aboveground Pipe Installation



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Learning Series

| Objective | TASK | RATING |
|------------------|-----------------------------------------------------------------|---------------|
| | <ul style="list-style-type: none"> • Socket weld | |
| | <ul style="list-style-type: none"> • Threaded | |
| | <ul style="list-style-type: none"> • Lap-joint | |
| | <ul style="list-style-type: none"> • Cast iron | |
| 3 | 2. Identify types of gaskets. | |
| 4 | 3. Identify types of flange bolts. | |
| 6 | 4. Install flanged piping systems. | |
| 7 | 5. Lay out floor penetrations. | |
| 8 | 6. Read spool sheets. | |
| 4 | 7. Lay out and fabricate a gasket. | |

Craft: Pipefitting

Module Number: 08307-07

Module Title: Field Routing and Vessel Trim



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|----------------------------------------------------------------|--------|
| 2 | 1. Determine spool specifications for field-routing activities | |
| 4 | 2. Determine the load weight for erection equipment. | |
| 7 | 3. Install test blinds. | |
| 7 | 4. Install temporary hydrotest spools. | |
| 8 | 5. Identify vessel trim. | |

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Craft: Pipefitting

Module Number: 08308-07

Module Title: Pipe Hangers and Supports



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|----------------------------------------------------------|--------|
| 1 | 1. Identify types of pipe hangers. | |
| 1 | 2. Identify types of connecting units and attachments. | |
| 1 | 3. Identify types of pipe supports. | |
| 2 | 4. Read and interpret pipe support drawings and symbols. | |
| 4 | 5. Install non-expanding concrete fasteners. | |

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Craft: Pipefitting

Module Number: 08308-07

Module Title: Pipe Hangers and Supports



| Objective | TASK | RATING |
|------------------|----------------------------------------------------------------------------------------------------------|---------------|
| 4 | 6. Install expanding concrete fasteners. | |
| 1, 3 | 7. Install toggle bolts. | |
| 5 | 8. Lay out and mark the cut lines required to fabricate a one-piece 45-degree angle iron bracket. | |
| 5 | 9. Lay out and mark the cut lines required to fabricate a one-piece 30- by 60-degree angle iron bracket. | |
| 6 | 10. Identify spring can support types. | |
| 6, 7, 8 | 11. Read and interpret spring can support detail sheets. | |
| 10 | 12. Install spring can supports. | |
| 11 | 13. Remove the travel stops from a spring can support. | |
| 11 | 12. Adjust a spring can support to the cold position. | |

Craft: Pipefitting

Module Number: 08309-07

Module Title: Testing Piping Systems and Equipment



TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

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

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

| Objective | TASK | RATING |
|-----------|------------------------------------------------------------------------------------------|--------|
| 1 | 1. Identify the details about a piping system that you can obtain from a piping drawing. | |
| 1 | 2. Perform a pretest field inspection, using a punchlist. | |
| 2 | 3. Perform a service test, and check for leaks. | |
| 2 | 4. Perform a flow test, and check for leaks. | |
| 3 | 5. Install pneumatic test plugs in a pipeline. | |

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Craft: Pipefitting

Module Number: 08309-07

Module Title: Testing Piping Systems and Equipment



| Objective | TASK | RATING |
|-----------|-------------------------------------------------------------|--------|
| 3 | 6. Install mechanical test plugs in a pipeline. | |
| 3 | 7. Perform a head pressure test, and check for leaks. | |
| 4 | 8. Install a slip blind in a system. | |
| 4 | 9. Prepare a system for a hydrostatic test. | |
| 4 | 10. Perform a hydrostatic test on a piping system or spool. | |