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. 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 and submitted to the local Accredited Training Sponsor for approval through NCCER's Registry system.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module One: 19309

Module Title: Construction Drawings and Specifications

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Using a sample set of drawings provided by the instructor, identify the: • Plan view • Elevation view • Isometric view • Flow diagram				
1	2. Using a sample specification provided by the instructor, identify: • The type of base, securement, and finish materials required for the job. • The method of application for these materials. • The use of any approved alternate procedures or materials.				

Module Two: 19212 has no Performance Profile Sheet; performance testing is not required for this module.

Module Three: 19303 has no Performance Profile Sheet; performance testing is not required for this module.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Four: 19201

Module Title: Flexible Foam Insulation

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	1. Cut and install flexible foam insulation for fittings, vslves, and flanges.				
2	2. Cut and install flexible foam insulation for equipment and air ducts.				

Module Five: 19302 has no Performance Profile Sheet; performance testing is not required for this module.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Six: 19202

Module Title: Blanket Insulation for Ducts

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Cut and install two pieces of fiberglass blanket insulation on ductwork using the staple stitch method and seal the butt laps with tape.				
1	2. Seal butt laps on fiberglass blanket insulation using mastic.				
1	3. Seal butt laps on fiberglass blanket insulation using adhesive.				
1	4. Insulate a section of ductwork that includes a run-out.				

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Seven: 19203

Module Title: Board Insulation for Ducts

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Apply insulation weld pins to ductwork.				
1	2. Apply fiberglass board insulation to straight duct and seal all joints with tape.				
1	3. Kerf, lay out, and install board insulation for a rectangular branch duct.				

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Eight: 19208

Module Title: Cements and Fabric Finishes

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Correctly mix insulating cements for various applications.				
2	2. Cut to shape and fasten poultry mesh reinforcement to flat and curved surfaces.				
2	3. Apply a fabric finish to built-up cement insulation on a pipe tee or a 90-degree elbow.				

Module Nine: 19304 has no Performance Profile Sheet; performance testing is not required for this module.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Ten: 19211

Module Title: Vapor Retarders and Insulation Coatings

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Apply glass and vapor-retarder mastic to a 90-degree pipe elbow insulated with polystyrene foam insulation.				
1	2. Apply glass fabric and vapor-retarder mastic to a longitudinal and butt end joints of piping insulation sections and to create vapor dams within insulation.				
1	3. Apply vapor retarder membrane on fiberglass pipe insulation.				

Module Eleven: 19305 has no Performance Profile Sheet; performance testing is not required for this module.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Twelve: 19204

Module Title: Calcium Silicate/Expanded Perlite Pipe Insulation

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Cut and attach pipe insulation using the staggered-joint method of insulation.				
1	2. Install an outer layer over an inner layer of insulation, staggering all joints and securing with stainless steel bands.				
1	3. Fabricate and install a mitered 90-degree elbow cover from calcium silicate/perlite insulation.				
1	4. Fabricate and install calcium silicate/ expanded perlite insulation on a pipe tee.				

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Thirteen: 19206

Module Title: Rigid Foam and Cellular Glass Insulation

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Properly insulate pipe with rigid polymeric foam insulation for cold service.				
2	2. Properly insulate 90-degree elbow with cellular-glass pipe insulation for cold service.				
2	3. Properly insulate a stemmed valve for cold service.				

Module Fourteen: 19306 has no Performance Profile Sheet; performance testing is not required for this module.

PERFORMANCE PROFILE SHEET

Craft: Mechanical Insulating

Module Fifteen: 19205

Module Title: Mineral Wool Insulation

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 and submit them to your Training Program Sponsor through the Registry System.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
1	1. Apply V-groove pipe insulation to piping.				
1	2. Apply metal-mesh blankets to equipment.				
2	3. Set up a pin welder and gun and install a grouping of weld pins properly spaced.				