



# Insulating

Level One

**EXAMINATION PACKET**

**Module 19103**

**Tools of the Trade**

This packet contains the reproducible Module Examination, Answer Key, and Performance Profile Sheet(s).

**STORE IN A  
SECURE AREA!**

**NATIONAL CENTER FOR  
CONSTRUCTION EDUCATION AND RESEARCH**

Pearson Education, Inc.

Upper Saddle River, New Jersey Columbus, Ohio

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Social Security Number: \_\_\_\_\_

- \_\_\_\_\_ 1. How should a trainee obtain tools?
- Buy as needed during their training.
  - Borrow from fellow workers.
  - Buy the cheapest tools available.
  - None of the above.
- \_\_\_\_\_ 2. Which of the following list of tools best describes those needed to install fiberglass pipe and duct?
- Hammer, chisel, level, and chalk line.
  - Saw, trowel, scissors, and staple gun.
  - Ruler, knife, scissors, and staple gun.
  - Knife, saw, slip-joint pliers, and ruler.
- \_\_\_\_\_ 3. Which of the following list of tools best describes those used in the application of calcium silicate insulation?
- End cutting nippers, coarse tooth saw, and mallet.
  - Scissors, staple gun, and tin snips.
  - Caulking gun, weld gun, and rivet gun.
  - Screw gun, banding tool, and hog ring pliers.
- \_\_\_\_\_ 4. Calcium silicate is best cut with a \_\_\_\_\_.
- knife
  - key hole saw
  - fine tooth saw
  - coarse tooth saw
- \_\_\_\_\_ 5. Which of the following list of tools best describes those used for metal fabrication?
- Rivet gun, trowel, and key hole saw.
  - Canvas straps, saber saw, and weld gun.
  - Tape measure, scissors, and knife.
  - Beader, snips, and break.
- \_\_\_\_\_ 6. Which tool would *not* be used for applying mastics or adhesives?
- Brush
  - Trowel
  - Chalk line
  - Glue Gun
- \_\_\_\_\_ 7. A glue gun is used to install what type of insulation?
- Fiberglass
  - Calcium silicate
  - Flexible foam
  - Cellular glass

- \_\_\_\_\_ 8. Which of the following list of tools best describes those which are used when installing weld pins?
- a. Caulk gun, pruning saw, and key hole saw.
  - b. Dividers, scissors, and boning knife.
  - c. Brush, skill saw, and pipe caliper.
  - d. Pin welder, end cutting nippers, and disk grinder.
- \_\_\_\_\_ 9. What is the first thing you should do before using power tools?
- a. Plug tool into electrical outlet.
  - b. Inspect tool for damage or defects.
  - c. Turn on power switch.
  - d. Practice using power tool at home.
- \_\_\_\_\_ 10. A power tool should always be plugged into \_\_\_\_\_.  
a. a wall outlet  
b. an extension cord  
c. multiple outlets  
d. a ground fault circuit interrupter

## **NOTE ON PERFORMANCE PROFILE TESTING**

Performance Profiles are included in this Instructor's Guide in a format that can be easily photocopied for each trainee. The Profiles measure trainee competency in the tasks taught in this module.

Please note the number of tasks to be tested while teaching this module. Each trainee should be tested on the tasks listed in the Performance Profile. Before the performance testing, the instructor should brief the trainees on:

- test objectives and criteria,
- safety precautions, and
- 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 for each trainee by assigning a score for each listed task;
- monitor adherence to all safety regulations and precautions;
- provide adequate supervision to prevent injuries; and
- take immediate and effective action to remedy any emergency.

### **ACCREDITATION TESTING**

If this Performance Profile Testing is done in 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.
2. The training must be delivered through a Training Program Sponsor recognized by the 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 Craft Training Report Form. This form must be provided to the local Training Program Sponsor to be forwarded to the NCCER National Craft Training Registry.

# PERFORMANCE PROFILE SHEET

# NCCER/NIA TRAINING

**Craft:** Insulating

**Task Module Number:** 19103

**Task Module Title:** Tools of the Trade



TRAINEE NAME: \_\_\_\_\_

TRAINEE SOCIAL SECURITY NUMBER: \_\_\_\_\_

CLASS: \_\_\_\_\_

TRAINING PROGRAM SPONSOR: \_\_\_\_\_

INSTRUCTOR: \_\_\_\_\_

- Rating Levels:**
1. Passed: performed task.
  2. Failed: did not perform task.

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

TASK	RATING
1. Describe appropriate personal protective equipment and demonstrate the safety procedures for using power tools.	
2. Identify all tools required and demonstrate a knowledge of the use of each tool.	

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## Answer Key for Module Examination

<u>Answer</u>	<u>Section Reference</u>
1. a	2.0.0
2. c	4.0.0
3. a	5.0.0
4. d	5.0.0
5. d	6.0.0
6. c	5.0.0
7. c	5.0.0
8. d	4.0.0, 6.0.0
9. b	6.0.0
10. d	6.0.0