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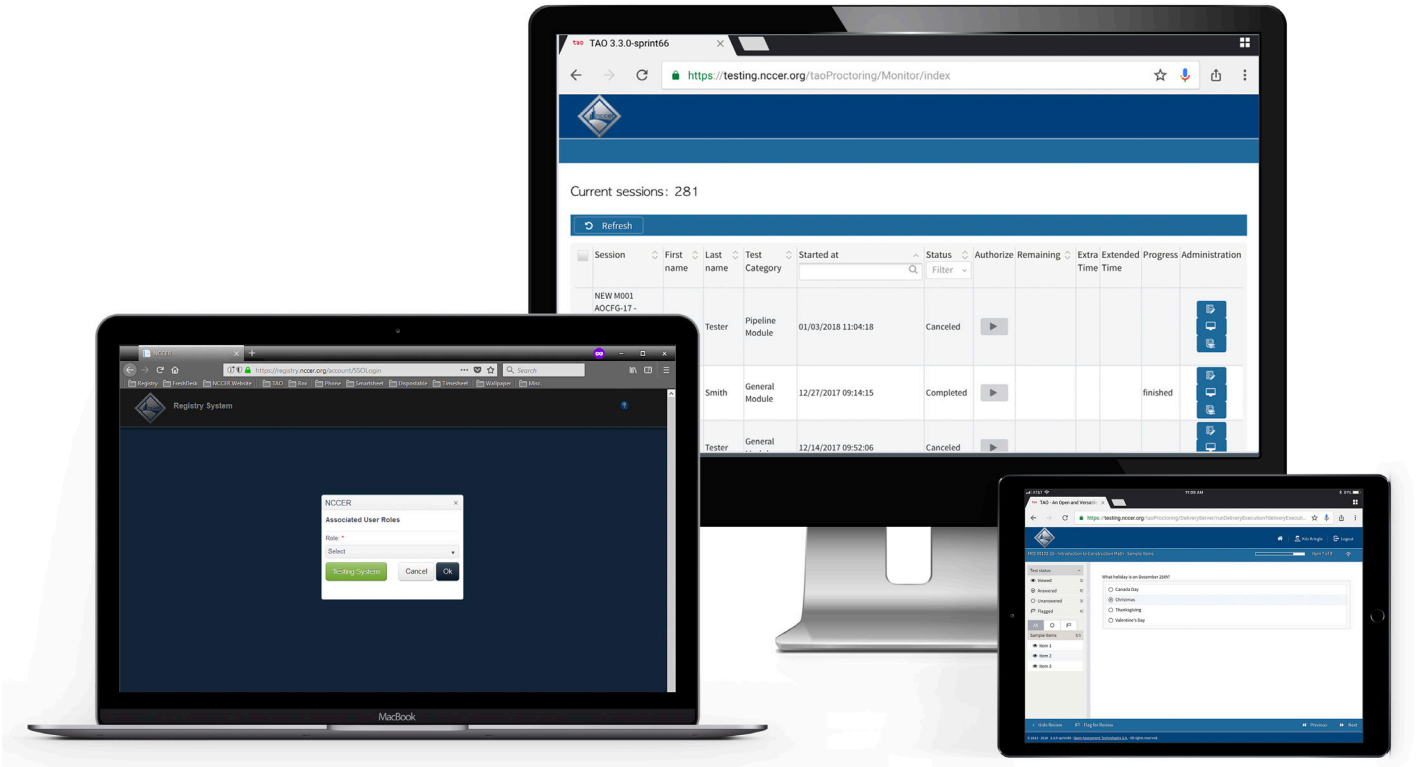

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Module 19205 Exam

Mineral Wool Insulation

Trainee Name: _____

Social Security Number: _____ Date: _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1. Naturally-occurring mineral wool can be found near _____.
   a. sheep folds
   b. diamond pipes
   c. talc mines
   d. active volcanoes

2. Mineral wool is _____.
   a. acidic
   b. a skin irritant
   c. flammable
   d. electrically conductive

3. Which one of the following is a suitable method for attaching mineral wool pipe insulation that will not have a jacket?
   a. High temperature adhesive
   b. Staples
   c. Fiber tape
   d. Weld pins

4. Mineral wool insulation for larger pipe sizes is _____.
   a. supplied in half sections
   b. cut from solid board
   c. built up with blanket
   d. covered in expanded metal

5. One key difference between mineral wool and fiberglass is _____.
   a. only fiberglass can be referred to as "mineral wool"
   b. only fiberglass can be used for high-temperature applications
   c. only mineral wool can prevent fires
   d. only mineral wool is available in higher densities

6. Standard pipe and tank insulation differs from V-grooved board in that _____.
   a. it is more expensive than V-grooved insulation
   b. a given product may be used on a range of pipe sizes
   c. it is blue rather than green
   d. it is thicker than V-grooved insulation

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7. Adhesive pins are not recommended for use on _____.
   a. painted surfaces
   b. irregular surfaces
   c. hot surfaces
   d. non-porous surfaces

8. When setting up a CD weld gun for use on galvanized surfaces, the operator should use _____.
   a. non-porous collets
   b. the highest voltage setting
   c. reverse polarity
   d. higher spring pressure

9. How is the quality of a weld pin attachment tested?
   a. By bending the weld pin over to see if the weld fails.
   b. Measuring the current flow through a completed weld.
   c. Measuring the perpendicular pull that can be applied before the weld fails.
   d. Hanging insulation on the pin and measuring how far it bends.

10. What is the name for weld pins which have a pre-assembled washer?
    a. Cup-head weld pins
    b. Disc-head weld pins
    c. Self-retaining pins
    d. Pre-assembled weld pins

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Module 19205 Answer Key

Mineral Wool Insulation

Question	Answer	Section Reference	Objective
1.	D	1.1.0	1a
2.	B	1.1.1	1a
3.	C	1.2.1	1b
4.	A	1.2.2	1b
5.	D	1.2.3	1b
6.	B	1.2.4	1b
7.	A	2.1.0	2a
8.	C	2.2.0	2b
9.	A	2.2.1	2b
10.	A	2.3.0	2c