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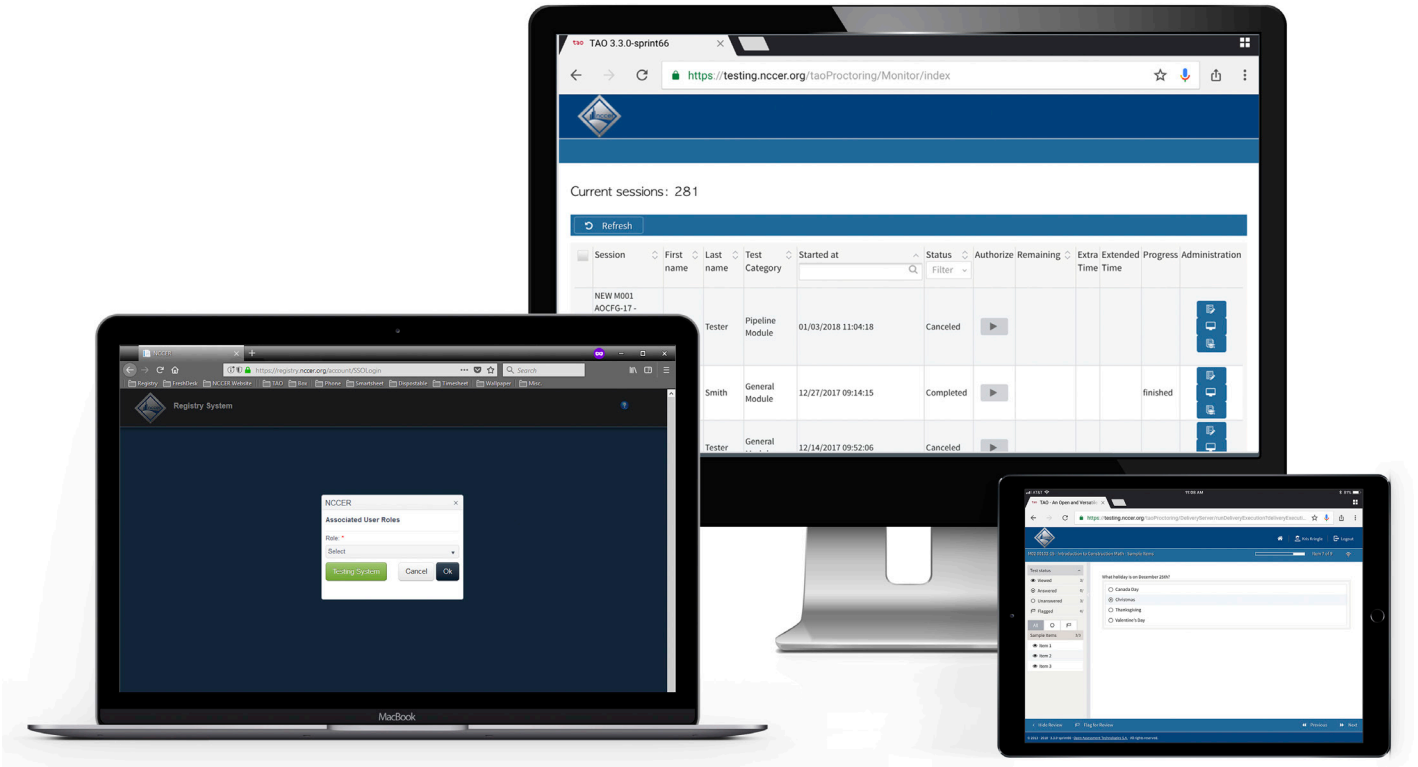

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Module 19202 Exam

Blanket Insulation for Ducts

Trainee Name: _____

Social Security Number: _____ Date: _____

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

1. The maximum operating temperature for duct wrap insulation is _____.
   a. 200°F (93°C)
   b. 250°F (121°C)
   c. 300°F (149°C)
   d. 375°F (191°C)

2. The length of a roll of fiberglass duct wrap depends on _____.
   a. its temperature rating
   b. the purpose of the insulation
   c. the type of jacket
   d. the insulation's thickness

3. The most common jackets for fiberglass duct wrap are ASJ and _____.
   a. FSK
   b. SST
   c. TMM
   d. CAG

4. Typically, the first parts of a duct to have insulation applied would be the _____.
   a. runouts
   b. transitions
   c. trunks
   d. branches

5. Facing end laps for a section of insulation are usually _____.
   a. 2" (5 cm) in width
   b. cut by the mechanical insulator
   c. not used in mechanical insulation
   d. used solely to improve appearance

6. How should fiberglass duct wrap be applied over duct ribs?
   a. Pack the voids under the duct wrap with scrap insulation.
   b. Allow the duct wrap to blouse over the rib.
   c. Cut additional pieces of duct wrap to fit over the rib.
   d. Stop the insulation at the rib then continue applying insulation to the other side.

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7. When using adhesive to attach insulation to ducts, what spacing should be used when applying strips of adhesive?
   a. 6" (15 cm)
   b. 8" (20 cm)
   c. 9" (23 cm)
   d. 12" (30 cm)

8. When applying mastic to seal fiberglass duct wrap, where should you start?
   a. The top of the duct
   b. The bottom of the duct
   c. The sides of the duct
   d. Duct branches

9. When applying tape to seal staple punctures, you should _____.
   a. apply a double layer of tape
   b. wrap tape around the staples
   c. first seal the punctures with mastic
   d. rub the tape firmly over the staples

10. If staples are not required to close the lap joint on duct wrap, then _____.
   a. it can be secured by stitching with needle and thread
   b. quick-drying adhesive should be brushed on the facing tabs
   c. tape is wrapped around the duct wrap to hold it in place
   d. contact tape is used to adhere the duct wrap to the duct

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Module 19202 Answer Key

Blanket Insulation for Ducts

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