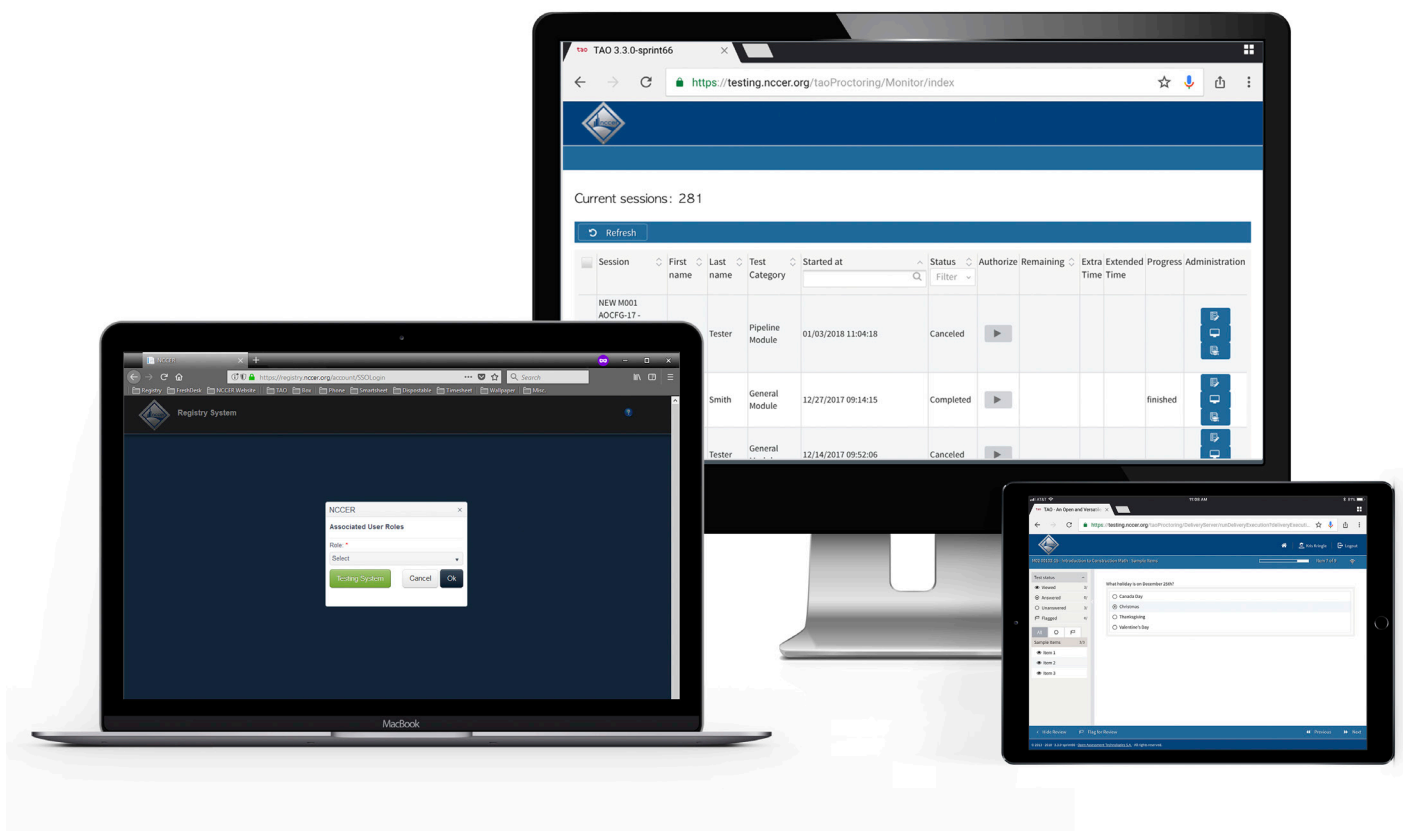


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Module 19208 Exam

Cements and Fabric Finishes

Trainee Name: _____

Social Security Number: _____ Date: _____

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

1. An insulation mechanic would consider insulating cement to be a(n) _____.
 - a. adhesive like model airplane glue
 - b. mixture of a mineral-like binder and insulating fibers or particles
 - c. mixture of portland cement, sand, and gravel
 - d. acrylic mixture used to seal fabric coverings

2. An insulating cement that resists burning in the presence of flames is a(n) _____.
 - a. flammable material
 - b. thermal resistant material
 - c. fire retardant material
 - d. conductive material

3. Modern hydraulic cements require certain safety precautions because they _____.
 - a. are acidic
 - b. give off noxious fumes as they set
 - c. produce steam as they cure
 - d. can cause caustic burns

4. Which of the following is true about non-hydraulic insulating cements?
 - a. They can be used in the same applications as hydraulic cements.
 - b. They must be kept moist as they set.
 - c. They are normally harder than hydraulic cements.
 - d. They are suitable only for below-ambient applications.

5. Spreadable insulating cements have a consistency that is described as _____.
 - a. plastic
 - b. friable
 - c. fluid
 - d. volatile

6. A class of materials that greatly increases the insulation performance of insulating cement is _____.
 - a. portland cement
 - b. organic compounds
 - c. cellular foam
 - d. mineral wool

7. When applying an insulating cement to a large, hot, rectangular exhaust duct, you should apply the cement _____.
 - a. in a single thick layer
 - b. in small spots and spread it to a thin uniform layer
 - c. so as to cover a large area as quickly as possible
 - d. in many small, thick blobs and smooth them into a thick layer

8. Which of the following meshes is fabricated from a single sheet of metal?
 - a. Hex mesh
 - b. Lattice mesh
 - c. Metal fiber mesh
 - d. Expanded metal mesh

9. When repairing older mechanical systems coated with insulating cement, mechanics need to _____.
 - a. test for lead paint
 - b. avoid fiberglass exposure
 - c. test for pipe wall corrosion
 - d. test for asbestos

10. When installing reinforcing mesh, an important thing to keep in mind is _____.
 - a. overlapping the edges of adjacent pieces of mesh
 - b. carefully cutting the sections of mesh to shape so they fit edge to edge
 - c. keeping the mesh sections vertical
 - d. arranging the mesh radially on corner sections of ductwork

Module 19208 Answer Key

Cements and Fabric Finishes

Question	Answer	Section Reference	Objective
1.	B	1.1.0	1a
2.	C	1.1.0	1a
3.	D	1.1.1	1a
4.	A	1.1.2	1a
5.	A	1.2.0	1b
6.	D	1.2.1	1b
7.	B	1.3.0	1c
8.	D	2.1.1	2a
9.	D	2.1.2	2a
10.	A	2.2.1	2b