Module 19105 Exam

Characteristics of Pipe

Trainee Name: _____

Social Security Number: _____ Date: _____

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

1. The two standards for pipe sizing are _____.
   a. inner diameter and outer diameter
   b. industrial and commercial
   c. metric and Imperial
   d. IPS and CTS

2. A construction plan specifies 1" CTS x ½ insulation. Which of the following does this specification describe?
   a. ½" thick insulation on a 1" inner diameter copper tube
   b. ½" thick insulation on a 1" outer diameter copper tube
   c. 1" thick insulation on a ½" inner diameter copper tube
   d. 1" thick insulation on a ½" outer diameter copper tube

3. Standard steel pipe length is _____.
   a. 10 feet
   b. 11 feet
   c. 20 feet
   d. 21 feet

4. Cast iron pipes are sized in which standard?
   a. CTS
   b. IPS
   c. both
   d. neither

5. Plastic pipe typically uses _____.
   a. the OD sizing standard
   b. the IPS sizing standard
   c. the CTS sizing standard
   d. a unique sizing standard

6. A common method of joining sections of copper pipe used in industrial applications is _____.
   a. adhesing
   b. brazing
   c. welding
   d. epoxying

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7. For supports, high-temperature pipe systems which are expected to experience significant movement of the pipe will frequently use _____.
   a. roller hangers
   b. bolted clamps
   c. welded anchors
   d. flexible fasteners

8. Which of the following is used in pipe systems which are expected to experience significant thermal expansion?
   a. Rubber anchors
   b. Flexible tape
   c. Expansion circuits
   d. Expansion loops

9. Which of the following is used to stabilize a run of pipe?
   a. Loops
   b. Anchors
   c. Hangers
   d. Collars

10. A flanged pipe system component with a rubber section that allows for pipe expansion and contraction is a(n) _____.
   a. expansion joint
   b. expansion loop
   c. thermal compensator
   d. isolinear converter

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