

# Steamfitter Pipefitter

Goodluck!

1. How far is a drip pan terminated above a flat roof
  - A Cut on 45° and 7 feet
  - B Cut on 90° and 5 feet
  - C Cut on 60° and 8 feet
  - D Cut on 30° and 10 feet
2. The minimum outlet on a 2 inch safety valve
  - A 1 1/2 inches
  - B 1 inch
  - C 2 1/2 inches
  - D 3 inches
3. The most common method to join FRP
  - A Butt and strap
  - B Probe and Float
  - C Cutting plane line
  - D Lock shield
4. Best sling for lifting fibreglass
  - A 2" wide steel chain sling
  - B 3" wide polyester strap
  - C 4" wide nylon web sling
  - D 5" wide cotton rope
5. What is the first step when preparing for an air test
  - A Fill the system with water to check for leaks
  - B Calibrate the pressure gauges before starting the test
  - C Disconnect all power sources to the testing equipment
  - D Install safety valve on main line
6. When transitioning pipe for every 1mm transitioned grind back how much
  - A 5mm
  - B 1mm
  - C 4mm
  - D 2mm

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7. A pipe is being suspended to a concrete structure with a 5/8" wedge type and stub fasteners for supports. What is the correct procedure for installing an expanding type anchor
- (A) Use a hammer to drive the anchor into place
- (B) Cut the pipe to length and paint it
- (C) Attach the pipe directly to the wall without anchors
- (D) Drill correct size hole, insert anchor and tighten locking nut
8. What is the sequence of components before a receiver in a single stage compressor system
- (A) Moisture separator, receiver, compressor
- (B) After cooler, moisture separator, receiver
- (C) Compressor, condenser, evaporator
- (D) Receiver, filter, expansion valve
9. Type of block that is designed to change the angle of pull for wire rope
- (A) Spring Hanger
- (B) Lock Wire
- (C) Reverse Return
- (D) Snatch Block
10. The two pipe reverse return system is preferred because
- (A) It lessens the possibility of short circuiting
- (B) It allows for easier maintenance and repairs
- (C) It simplifies the installation process significantly
- (D) It increases the overall efficiency of the system
11. What are the order of components in a hydraulic system
- (A) Reservoir, pump, safety valve, directional control valve, hydraulic ram
- (B) Safety valve, reservoir, pump, hydraulic motor, actuator
- (C) Directional control valve, hydraulic ram, pump, reservoir
- (D) Pump, reservoir, actuator, filter, pressure gauge
12. Why are gauges found upstream and downstream of a strainer
- (A) To see if strainer is getting clogged
- (B) To ensure the strainer is properly installed
- (C) To monitor the flow rate of the system
- (D) To measure the temperature of the fluid passing through







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31. What is the major difference between a thermocouple and a thermopile?
- (A) The thermopile is physically a smaller device.
- (B) The thermopile generates a smaller voltage.
- (C) The thermopile generates a higher voltage.
- (D) The thermopile can only be used residential appliance.
32. Why would aluminum and tin not be a good candidate for silver brazing?
- (A) They would not be good because the brazing would cause a color disfiguration
- (B) They would not be good because they are too expensive.
- (C) They would not be good because the silver brazing would not stick to those metals.
- (D) They would not be good because they have a low melting point.
33. Flow measurement using the vena contracta method is limited to pipe sizes \_\_\_\_\_ inches and larger.
- (A) 2.5
- (B) 4
- (C) 1.5
- (D) 6
34. What is the Arc Flash hazard/risk category for removal of electrical bolted covers to exposed bare energized parts on equipment 240 Volt to 600 Volt?
- (A) 3
- (B) 2
- (C) 0
- (D) 1
35. A scaffold must be designed and constructed to support at least \_\_\_\_ times the load that may be imposed off of it.
- (A) 5
- (B) 3
- (C) 4
- (D) 2