

Fleet Multi Temp - Quiz 4

Name: _____ Number Correct: ____/10

Multiple Choice

Identify the choice that best completes the statement or answers the question.

This quiz should take approximately 15 minutes to complete.

1. When recovering refrigerant from an operating unit, pump down the unit's _____ and recover the refrigerant as a _____.
 - a. Low Side, Liquid
 - b. High Side, Liquid
 - c. Low Side, Vapor
 - d. High Side, Vapor
2. When evacuating a unit, proper vacuum level is reached:
 - a. After 30 minutes of evacuation time.
 - b. When the gauge manifold reaches 29 inches of mercury.
 - c. When the micron gauge reaches 500-1000 microns.
 - d. After micron gauge reaches 500-1000 microns and then stays below 2000 microns for 5 minutes after the evacuation pump has been isolated from the unit.
3. Why must you perform evacuation and dehydration procedures after performing major service to a refrigeration system?
 - a. To remove air.
 - b. To remove moisture.
 - c. To remove dirt particles that may have entered the system.
 - d. Both A and B are correct.
4. Dry nitrogen is used in a refrigeration system to:
 - a. Raise the cooling capacity of refrigerants.
 - b. Raise the head pressure to acceptable levels.
 - c. Absorb moisture during evacuation procedures.
 - d. Increase the amount of non-condensables in the system.
5. When charging an evacuated unit by weight, add _____ refrigerant through the high pressure side of the system.
 - a. Vapor
 - b. Gas
 - c. Liquid
 - d. Combination of gas and liquid

6. Refrigerant that can be sold to any of your customers is considered:
 - a. Recycled
 - b. Recovered
 - c. Reconditioned
 - d. Reclaimed

7. Which of the following are critical to evacuating a unit as quickly as possible
 - a. Change oil in the vacuum pump
 - b. Use vacuum rated hoses
 - c. Evacuate based on microns, not on time
 - d. All of the above

8. Thermo King recommends _____ for use with low pressure, copper-to-copper line connections.
 - a. Silver solder - 15%
 - b. Silver solder - 35%
 - c. Soft solder - 95/5
 - d. Rosin core solder

9. What type of solder is required for soldering two different metals together?
 - a. Silver solder - 15%
 - b. Silver solder - 35%
 - c. Soft solder - 95/5
 - d. All of the above

10. When soldering with oxyacetylene, the oxygen tank valve should be opened fully and the acetylene tank valve opened:
 - a. No more than 3/4 turn so it can be closed quickly in case of an emergency.
 - b. One full turn to ensure the proper pressure.
 - c. Fully at all times.
 - d. The same as the oxygen valve