

## Quiz 54

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### 1. Expansion valves:

- a. will expand the liquid to the receiver
- b. relieve high pressure in the evaporator
- c. regulate the liquid refrigerant flow to the evaporator
- d. are used to charge the refrigeration system
- e. isolate the compressor from the condenser

### 2. In many cases evaporator pressure must not be allowed to drop below a certain level to prevent:

- a. frosting of coils
- b. evaporator valve lock
- c. tubing implosion
- d. overheating of the evaporator
- e. overheating of the compressor

### 3. Oil pressure failure switches are used to:

- a. keep to oil from freezing at low pressure
- b. prevent compressor startup if the oil heater fails
- c. separate refrigerant dissolved in the oil from the lubricant
- d. shut down the compressor when the oil pressure drops below the minimum
- e. keep the oil pressure at a level where the oil will not freeze

### 4. Pressure limiting devices shall be provided on all systems containing more than:

- a. 9 kg of refrigerant
- b. 7 kg of refrigerant
- c. 10 kg of refrigerant
- d. 5 kg of refrigerant
- e. 3 kg of refrigerant

### 5. Refrigeration system safety controls stop the operation if the:

- a. temperature gets too high
- b. the pressure gets too high
- c. pressure is too low
- d. temperature is too low
- e. all of the above

**Quiz 54 Answers:**

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**1 = c, 2 = a, 3 = d, 4 = a, 5 = d**