

## Quiz 48

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### 1. A low pressure steam boiler is one which operates:

- a. at an energy input above 58.7 kW
- b. above 103 kPa
- c. above 12°C
- d. above 1100 kPa
- e. at or below 103 kPa

### 2. A major disadvantage of a firebox is:

- a. first cost is relatively high
- b. it has a low heat transfer efficiency
- c. it is not very compact
- d. cleaning and inspection can be difficult
- e. it has only one flue gas pass

### 3. A steam gage:

- a. indicates the level of water in a boiler
- b. is not considered a boiler fitting
- c. indicates the internal pressure of the boiler
- d. is required on power boilers only
- e. will reset once the boiler pressure has dropped

### 4. An example of a boiler fitting would be a:

- a. temperature controller
- b. forced draft fan
- c. combustion chamber
- d. drum
- e. sootblower

### 5. Boiler baffles:

- a. direct the flue gases through the boiler furnace
- b. will increase the stack temperature
- c. are installed in every boiler furnace
- d. are used with firetube boilers only
- e. are installed in large boiler furnaces only

**Quiz 48 Answers:**

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