

Quiz 05

1. 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

2. Boiler structural strength must:

- a. be at least ten times the normal working pressure rating
- b. be at least equal to the various code requirements
- c. take into account only pressure values and not consider temperatures
- d. be increased if thinner metal is to be used
- e. be verified by the purchaser

3. Manholes are openings through which a person can:

- a. enter the boiler furnace
- b. inspect the boiler shell and tubes
- c. enter the boiler shell or drum
- d. enter and inspect the steam header
- e. enter the ash hopper

4. In the case of firetube boilers, the main part of the boiler is referred to as the _____, and the tubes are contained within this part:

- a. header
- b. furnace tube
- c. water space
- d. steam space
- e. shell

5. Packaged fire tube boilers:

- a. are shipped in a packing case with the components disassembled
- b. are skid mounted
- c. must not be used over 103 kPa working pressure
- d. have risers and down-comers
- e. do not require a water glass

Quiz 05 Answers:

1 = a, 2 = b, 3 = b, 4 = e, 5 = b