

Quiz 22

1. In order to ensure a safety valve seats properly, it uses:

- A. seat rings
- B. a huddling chamber
- C. a blowdown ring
- D. guides and bushings
- E. a test lever

2. A fitting which is not clearly identified should be:

- a. installed by the Chief Engineer
- b. installed with a warning tag attached
- c. used only for low pressure service
- d. rejected completely
- e. used as a spare part

3. A safety relief valve is like a safety valve except it:

- a. does not have a blowdown ring or bottom guides
- b. must have greater blowdown
- c. may have an isolation valve placed between it and the pressure vessel
- d. must discharge directly to the atmosphere
- e. is prone to leakage

4. A stop valve is allowed between the safety valve and the boiler drum when:

- a. the stop valve is locked open
- b. there is more than one safety valve
- c. a rupture disc is placed between the stop valve and the safety valve
- d. no stop valves are allowed before or after the safety valve
- e. the stop valve is the quick opening type

5. A try lever safety valve test will:

- a. ensure the popping pressure is correct
- b. indicate that valve capacity is adequate
- c. ensure the closing pressure is correct
- d. take approximately 2 seconds
- e. ensure the valve is free to operate

Quiz 22 Answers:

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