

Quiz 10

1. A boiler circulating pump gland should have some leakage:

- a. to prevent the packing from drying out
- b. so that the shaft sleeve will take the wear
- c. in order for the stuffing box to run at the desired high temperature
- d. so the operator can tell when the pump becomes vapor-bound
- e. in order to keep the motor amperage down

2. A steam heating boiler that is to be shut down for six months during the summer should be:

- a. drained, thoroughly dried out, quick lime placed inside and left open
- b. drained, thoroughly dried out, quick lime placed inside and closed up
- c. left with the water at normal working level but opened up to atmosphere
- d. left with the water at normal working level and pressurized with air to 50 kPa
- e. a completely water filled boiler with the vent open to atmosphere

3. A substance which will absorb humidity inside a boiler during dry lay up is:

- a. zeolite
- b. sodium sulfite
- c. sodium chloride
- d. activated alumina
- e. lime soda

4. A tube beading tool is used:

- a. on watertube boilers
- b. on firetube boilers
- c. to fasten the stays in the tube sheet
- d. to cut fire tubes
- e. to unfasten fire tubes from the tube sheet

5. A water tank should be installed above the boiler and attached to the vent connection during a wet lay up in order to:

- a. permit the injection of chemicals
- b. prevent air from entering the boiler during water contraction
- c. hold the manway doors closed
- d. prevent water vapor from entering the power plant
- e. prevent the wastage of chemicals

6. Before a welder is allowed to weld on a boiler he must have a:

- a. certificate of qualification
- b. certain minimum number of years experience
- c. performance qualification card
- d. a welding test conducted
- e. A certificate of qualification and a performance qualification card

Quiz 10 Answers:

1 = a, 2 = b, 3 = d, 4 = b, 5 = b, 6 = e