

BOILERS & THERMIC FLUID HEATERS

Test your knowledge on boilers and thermic fluid heaters through this quiz with ten multiple choice questions.

Name: _____

Organization: _____

Date: _____

1. Which of the following boilers has emerged as an alternative to conventional boilers because of its higher combustion efficiency?

- a. Fluidized bed combustion boiler c. Packaged boiler
 b. Stoker fired boiler d. Chain grate boiler

2. Fluidized bed combustion has _____ effect on SO_x and NO_x emissions

- a. Increased c. No effect
 b. Decreased d. Depends on type of solid fuel used

3. The largest heat loss from boilers are caused by

- a. Moisture in fuel c. Radiation and convection
 b. Moisture in air d. Dry flue gas

4. Which of the following statements is not correct?

- a. The higher the steam pressure, the higher the feed water purity c. Increasing the % condensate recovery increases the boiler efficiency
 b. The maximum efficiency of boilers occurs at full load d. It is generally more efficient to operate a few boilers at high loads than many boilers at low loads

Test your knowledge: Boilers and Thermic Fluid Heaters

ANSWERS				
1. a	2. b	3. d	4. b	5. b
6. b	7. d	8. a	9. c	10. d