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# boiler exam study guide 1

15 psi - correct answer A low pressure steam boiler has a maximum allowable working pressure (MAWP) of up to \_\_\_\_.

One boiler horsepower - correct answer The evaporation of 34.5 lb of water/hr from and at a feedwater temperature of 212°F

through the tubes - correct answer In a firetube boiler, the heat and gases of combustion pass \_\_\_\_.

in high or low pressure plants - correct answer A firetube boiler may be used \_\_\_\_.

a firetube boiler - correct answer Because of the large volume of water, the boiler most likely to cause a boiler explosion is \_\_\_\_.

firetube - correct answer A horizontal return tubular (HRT) boiler is a \_\_\_\_ boiler.

temperature - correct answer As steam pressure in a boiler increases, there is a corresponding increase in the \_\_\_\_.

a boiler explosion - correct answer A sudden drop in boiler steam pressure without a corresponding drop in boiler water temperature could result in \_\_\_\_.

heating surface - correct answer The part of a boiler that has the heat and gases of combustion on one side and water on the other side is known as the \_\_\_\_.

thermal - correct answer The comparison, or ratio, of heat supplied in fuel to heat absorbed by water is defined as \_\_\_\_ efficiency.

# Boiler Study Guide

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Frost, Daryl R. Walker**



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