Minnesota Boiler License Exam Study Guide | 250 Questions with 100% Correct Answers | Verified | Latest Update 2024

what are the conditions necessary for good combustion?

- a) low sulfur content
- b) Thermal, thermocoupler, tubular
- c) turbulence, temperature, time 3T's √√c) turbulence, temperature, time 3T's

why is secondary air necessary in hand fired boilers?

- a) Necessary to burn the combustible gases
- b) if primary air should fail
- c) used only if sulfur content is high √√a) Necessary to burn the combustible gases

when pressure increases on steam from a given amount of water what happens to its volume and latent heat?

- a) increases
- b) decreases
- c) remains the same \(\sqrt{b} \) decreases

when pressure increases on steam from a given amount of water what happens to its temperature?

- a) increases
- b) decreases
- c) remains the same \(\sqrt{a} \) increases

when carbon monoxide (co) is formed and carbon dioxide (co2) is very high what does it generally signify?

- a) More "under the fire air" is needed
- b) less "under the fire air" is required

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SA Adler

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Professional Engineer, 1922

Minnesota.2012

Minnesota State Publications Minnesota. Department of Administration. Documents Section,1970 Minnesota

Guidebook to State Agency Services, 2001 Lists information about Minnesota state agencies indicating who to see forms needed to obtain services advisory and financial assistance available fees charged and permits and licenses required

Minnesota Tax Guide Minnesota. Department of Economic Development,1976 The Minnesota State Register, 1993 The National Engineer, 1899 Guide for Educational Planning of Public School Buildings and Sites in Minnesota.

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Engineering News-record, 1921

The Mechanical News .1890

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