



Steam-Boiler Economy; A Treatise on the Theory and Practice of Fuel Economy in the Operation of Steam-Boilers

By William Kent

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1904 Excerpt: .thickness on the efficiency, while with a thick coat of oil the influence might become practically unimportant. The fact that the heat transmission is proportional to the square of the difference of temperature of the two sides of the plate shows the importance of high furnace temperatures. The average values of the coefficient a obtained from Blechynden s experiments have been plotted in the adjoining diagram, Fig. 53, It will be seen that each plate has a law of rate of transmission of its own. Plates A and C have about the average values for the different thick t a Fig. 53.--Values Op a, Prom Blechynden s Experiments. nesses, and a line plotted from the formula $a = 40 + 20 t$ is near to all the values obtained from plate A. The formula $a = 40-f-201 10$ covers the whole range of the experiments. The...



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