



Cyclopedia of Mechanical Engineering A General Reference Work on Machine Shop Practice, Tool Making, Forging, Pattern Making, Foundry, Work, Metallurgy, Steam Boilers and Engines, Gas Producers, Gas Engines, Automobiles, Volume 4

By H. M. Raymond

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 98 pages. Dimensions: 9.7in. x 7.4in. x 0.2in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1910 edition. Excerpt: . . . pipe should be provided with a valve, and on the end should be a piece of rubber hose which can readily be inserted in the barrel or removed. The principle of this calorimeter is extremely simple. As steam flows through the pipe, it is condensed by the water in the barrel, and the increase in the weight of the barrel after the test indicates the total amount of moist steam condensed, while the rise in temperature of the water in the pig. 67. Details of Barrel Calorimeter. barrel is an exact measure of the quantity of heat obtained from this moist steam. The steam tables give the number of B. T. U. in dry steam and hot water at various temperatures and pressures; and with this data and the above-mentioned observations made in the barrel, the percentage of steam and moisture can readily be...



Reviews

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