



The Steam-Engine: And Other Heat-Motors (Classic Reprint) (Paperback)

By W H P Creighton

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Steam-Engine: And Other Heat-Motors In the second edition I have endeavored to utilize such constructive criticisms of the first edition as came to my attention. Five plates are used to illustrate engine details and each part is named on the plate itself. The first chapter now includes a number of calculations of a general character which were introduced to give the student a better view of the entire subject. The boiler, the engine, and the condenser are brought together so that the functions of each form parts of one picture in the student s mind. The inertia of the indicator piston and two of the difficult cases in the Zeuner valve diagram construction are discussed. The addition of tables and diagrams facilitates finding loss of head in steam or air pipes. The discussion on Hirn s analysis is now followed by very complete tables giving the mean effective pressure and the steam per horsepower-hour for condensing and for non-condensing engines of the four-valve type. Tables of corrections for initial condensation under various pressures are...



Reviews

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