



The Steam Engine and Turbine: A Text-Book for Engineering Colleges (Classic Reprint)

By Robert Culbertson Hays Heck

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 Turbine: A Text-Book for Engineering Colleges In part this book is adapted from the writer s Steam Engine and Other Steam Motors, in larger part it is rewritten or newly written. The textbook idea and the purpose of class-room use have continually been kept in mind. Mechanical form and manner of working are illustrated by selected, typical examples of construction; rational theory is built up, from fundamental concepts to the fully-developed ideal steam engine; and actual performance is studied and compared with the ideal, an especial effort being made to set forth clearly and logically the empirical knowledge which must fill the gap between them. Viewing the steam plant as a whole, a line is drawn between the members that have to do with the generation and impartation of heat, and those concerned with its conversion into work through the agency of steam. In other words, the furnace and boiler, with their accessories, are taken to constitute a subject for treatment elsewhere, except that allusion is freely made to their functions....

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