



The Design of Steam Boilers and Pressure Vessels (Classic Reprint)

By George B Haven

Forgotten Books, United States, 2016. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Design of Steam Boilers and Pressure Vessels The design of machinery is sometimes defined as the science of reasonable approximation. Comparatively few of the methods necessary in fixing the proportions of machine parts fall under the established formulae of Physics or Applied Mechanics. It is only by a skilful adaptation of theoretical deductions to practical requirements that the science of Machine Design may claim a right to legitimate and useful existence. With the hope of harmonizing still further the rational methods of both theory and practice, the authors of this volume have sought to incorporate in its pages the most direct procedure possible in the design of pressure apparatus. As a basis for the broader study of Machine Design it is believed that problems of this character possess peculiar advantages. The definiteness of the loads in pressure vessels and the reliability of the materials usually employed in their construction are incentives to intelligent and accurate calculation. Wherever possible, results have been obtained by rational rather than empirical methods. The usages of current boiler-making practice...



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