



Two Lectures, on the Construction of Boilers, and on Boiler Explosions (Classic Reprint)

By William Fairbairn

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Two Lectures, on the Construction of Boilers, and on Boiler Explosions The modifications of the Steam Engine which have been adopted since its introduction by Watt, three-quarters of a century ago, have been very numerous and varied; and although the progression in its applications and improvements has been most rapid and wonderful, we are still undecided as to the best form of its construction. Sound principles scientifically applied, and the gradually increasing excellence of our mechanical workshop, have enabled us to attain the great perfection which characterizes the working parts of the modern steam engine. The steam engine itself may be regarded as a comparatively perfect machine, and I shall, therefore, confine my observations almost exclusively to that very important and necessary adjunct - the Boiler - which is the source of its power. With this limitation a very wide field of inquiry is opened out, and in the earliest steps of the investigation we become perplexed with the endless variety of forma and constructions which at different periods have been adopted by engineers, and...

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