



The Steam Engine Volume 1; A Practical Guide to the Construction, Operation, and Care of Steam Engines, Steam Turbines, and Their Accessories the Stea (Paperback)

By American School Of Correspondence

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1907 Excerpt: .cannot be liquefied; ordinarily, however, we apply the term to those gases that can be liquefied only with great difficulty, that is, under extreme pressure and a great reduction of temperature. For every perfect gas, there is a definite relation between the pressure and volume, and what is known as Boyle s Law has been found to hold true, viz. The pressure of a perfect gas at constant temperature varies inversely as the volume; that is, if the temperature remains constant the pressure becomes less as fast as the volume becomes greater, or conversely the volume becomes less as fast as the pressure becomes greater. Now if the pressure becomes twice as great, the volume becomes half as large, and if the volume becomes three times as great, the pressure will be only one-thiid as much. Hence we see that however the pressure may vary, the...



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