



## The Working Engineer's Practical Guide to the Management of the Steam Engine and Boiler; With Rules and Instructions for Valve Setting

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By Joseph Hopkinson

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. 1866 Excerpt: .at 651bs pressure, the average is as the pressure, or 651bs: by cutting off at one-eighth of the stroke, the average is 251bs. It therefore follows that as we only use one-eighth the quantity of steam to obtain 25, as we use for the one stroke with steam throughout, we obtain additional power by expansion--indeed, upwards of three times the power, or as 200 is to 65. The annexed figure, Diagram No. 17, illustrates the expansion of steam in the cylinder, and gives a mode whereby to ascertain the pressure at any portion of the stroke. In the figure the steam is represented at the commencement as being at 651bs on the piston, cut off at one-eighth the stroke. The figures 1, 2, 3, 4, 5, 6, 7, and 8, are the numbered divisions of the cylinder. To ascertain the pressure when the piston has travelled...



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