



## On Boiler Incrustation and Corrosion

By Frederick John Rowan

TheClassics.us. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1876 edition. Excerpt: . . . is ascribed to Mr. Young, of Kelly (in a paper read by Mr. James R. Napier before the Phil. Society of Glasgow, Dec. 16th, 1874), viz. , that the presence of an alkali in water protects iron and prevents rusting. In consequence of the great importance of his results, I give two tables of figures (from the four contained in his paper) representing some of them: --(See Tables on following pages. ) I quote here an important experiment made by him on the effect of chloride of magnesium on iron at boiling temperature. Two grammes of neutral magnesian chloride were introduced into a strong tube in which weighed pieces of iron were placed; boiling distilled water was added, and the tube sealed up while steam was issuing. It was then kept at 100 Cent. (212 F. ) for six weeks, and after cooling was...



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