



The Electric Furnace, Its Evolution, Theory and Practice (Classic Reprint) (Paperback)

By Alfred Stansfield D Sc

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from The Electric Furnace, Its Evolution, Theory and Practice On my first visit to Canada, in 1897, I constructed an electric furnace and showed it in operation at a lecture on Canada's metals, which was delivered by the late Sir William Roberts-Austen. The application of electrical heat to Metallurgy has always interested me greatly and I hope that this little book may serve to instil this interest in others, and to help forward the application of electric smelting in a country which is so rich in water-powers and mineral resources. This book originated in a series of papers, written about a year ago for the Canadian Engineer, in which I endeavoured to present, as simply as possible, the principles on which the construction and use of the electric furnace depend, and to give an account of its history and present development. The original papers were written at a time when the experiments of Dr. Haanel, at Sault Ste. Marie, were attracting public attention, and a large section of the book has been devoted to the...



Reviews

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