

AN INTRODUCTORY COURSE OF
CONTINUOUS CURRENT
ENGINEERING

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PREFACE TO FIRST EDITION.

THE present work is introductory in the sense that only elementary methods of treatment are made use of throughout, and that no attempt is made to cover the entire field of continuous current engineering. The aim of the author has been to present the reader with a simple and by no means exhaustive account of the component parts of a continuous current lighting and power plant—dynamos, motors, secondary cells, measuring instruments, etc. The selection and arrangement of these component parts to form a connected system are subjects lying outside the scope of this work.

Although introductory in the sense explained above, the work is not intended for absolute beginners, and an elementary knowledge of magnetism and electricity is assumed on the part of the reader.

The author's thanks are due to the various firms who kindly supplied him with information relating to their manufactures, especially to Messrs. Crompton & Co., Ltd., Messrs. Morris and Lister, and Messrs. C. A. Parsons & Co.

The illustrations have all been specially prepared for the work, and the author desires to acknowledge his great indebtedness to his friend, Mr. A. P. Thurston, B.Sc., for valuable help in the preparation of a number of drawings.

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