

**TRANSFORMER PRACTICE;
MANUFACTURE, ASSEMBLING,
CONNECTIONS, OPERATION
AND TESTING, PP. 1-276**

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Transformer Practice; Manufacture, Assembling, Connections, Operation and Testing, pp. 1-276
by William T. Taylor

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WILLIAM T. TAYLOR

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TRANSFORMER PRACTICE

*MANUFACTURE, ASSEMBLING, CONNECTIONS,
OPERATION AND TESTING*

BY
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PREFACE TO SECOND EDITION

The writer seeks to keep this book practical and for a reference on all matters connected with the operation of transformers and static induction apparatus. It is particularly intended for those who are operating or constructing plants or transformers and is written with the view of assisting engineers out of certain operating difficulties which they can readily solve when they are short of the right apparatus and need a temporary arrangement such as using certain changes of phases.

New schemes of any kind will be appreciated and will add to the value of this book.

WILLIAM T. TAYLOR.

CHAPLANCA, PERU, SOUTH AMERICA,
August, 1913.

PREFACE TO FIRST EDITION

Although much has been written on the fundamental principles of transformers, little data have been published concerning their connection, installation and operation. It was this lack of easily available information and the widespread desire of operators and engineers in the field to possess such information, that led the author to put in type these notes, which had been written up in the course of a number of years of experience in the field.

A working knowledge of the fundamental principles of electrical engineering is presupposed, and for this reason the treatment does not go into the whys and wherefores very deeply, but simply states the facts in as few words as possible. To aid in understanding quickly the phase relations and relative values of the various e.m.fs. and currents involved in a given system, vector diagrams are given with all diagrams of circuit connections.

W. T. TAYLOR.

BARAMULLA, KASHMIR, INDIA,
December, 1908.

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