

INDICATOR DIAGRAMS AND ENGINE AND BOILER TESTING

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649612802

Indicator Diagrams and Engine and Boiler Testing by Charles Day

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CHARLES DAY

**INDICATOR DIAGRAMS
AND ENGINE AND
BOILER TESTING**

Darrell Mead
Feb 1896

INDICATOR DIAGRAMS
AND
ENGINE AND BOILER TESTING.

BY
CHARLES DAY, W.H.Sc.,
..
Of the National Boiler Insurance Co., Manchester.

1896.
THE TECHNICAL PUBLISHING CO. LIMITED,
6, VICTORIA STATION APPROACH, MANCHESTER.
JOHN HEYWOOD,
DEANSGATE AND RIDGEFIELD, MANCHESTER.
2, AMEN CORNER, LONDON, E.C.
22, PARADISE STREET, LIVERPOOL.
33, BRIDGE STREET, BRISTOL.

ERRATA.

- Page 41.—Ninth line from top, read "fig. 40" instead of "fig. 39."
- " 46.—In formula, read " R^2 " instead of "R."
- " 46.—In twentieth line from bottom, read "line AC to any point in BC" instead of as written.
- " 46.—In fourth line from bottom, read "fig. 42" instead of "fig. 41."
- " 46.—In third line from bottom, read "fig. 43" instead of "fig. 42."

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PREFACE.

THE purpose of the first portion of this book—i.e., the part relating to "The Indicator and Its Diagrams"—is to explain the construction of the different kinds of indicator used, and show their advantages and disadvantages, also to explain clearly the general principles on which the interpretation of indicator diagrams is based.

A large number of defective diagrams are illustrated and described, but the writer hopes that readers will not endeavour to commit to memory the special forms resulting from the various defects, but rather use them as instances of the modes of reasoning applicable to indicator diagrams generally. It might be well to mention here that, except where stated otherwise, the illustrations are exact reproductions to a smaller scale, of diagrams actually taken.

As regards the second portion of the book, "The Testing of Engines and Boilers," the writer believes that it will supply a want on the part of those who have not already had experience in such work, as the information previously obtainable is very scattered, and in some cases difficult of access.

The very complete Table of Piston Constants, compiled by Mr. W. H. Fowler, will doubtless be found very useful.

Should any errors be observed at any parts of the book, the author will esteem it a favour if those noting them will apprise him.

CHAS. DAY.

Davenport,
near Stockport.

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