

ENGLISH LANGUAGE BOOK SOCIETY

Applied Workshop Calculations

W. A. J. CHAPMAN

LOW-PRICED TEXTBOOK

*Applied
Workshop
Calculations*

W. A. J. CHAPMAN



THE ENGLISH LANGUAGE BOOK SOCIETY
and
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PREFACE TO THE FIRST EDITION

I have often felt that there is a call for a small book on workshop calculations by an author qualified academically to write, and who, at the same time, possesses that intimate knowledge of the machine shop and its problems necessary for such a book to be of any use. The material for such a work, already existing in scattered form, parts of it can be found mostly too hesitatingly to be appreciated by the type of student interested in its applications to machine-shop practice. On the other hand, some of the material existent is presented in such a manner that one cannot, from professional considerations, recommend it. Now, for this work, the main course will in one sense be shown by the way it is reached, but I hope it will not appear in the literature on the subject. The book has been compiled so much with a view to solving foundry problems as a manual for the other instruments of the workshop as for use by students of the subject. The present volume should cover all the calculation work required in the City and Guilds Intermediate Examination in Machine Tools and Effler's Work. A second volume is in contemplation to deal with those calculations involved in processes not included here, and to treat more difficult applications.

W.A.I.C.

1908

PREFACE TO THE THIRD EDITION

Many changes have taken place in technical education since I conceived this book. As a result of the White Paper 'Better Opportunities in Technical Education', we have reached a more realistic appraisal of the academic requirements of the technician and the craftsman, and the Industrial Training Act should do much to meet our past deficiencies in the training for, and recognition of, technical ability. The White Paper has led to the introduction of a

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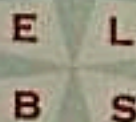
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