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**Fires, fire engines, and fire brigades**

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**London, 1866**

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Preface.

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## PREFACE.

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HAVING FOUND it extremely difficult to obtain, in any thing like a convenient manner, information on the various matters connected with fire engines, fire brigades, &c., there not being any treatise or work specially devoted to the subject, the Author has felt that a work to supply this deficiency, if made tolerably complete, could hardly fail to be of use, now that the subject of volunteer and paid fire brigades, and fire engines, is attracting a considerable amount of attention.

For several years past the Author has made the subject of steam fire engines, their construction, management, and requirements, his peculiar study. He has also been in the habit of attending various trials of them, private as well as public, and of seeing them at work at fires—making his own notes and observations thereon, taking the measurements himself personally, or assisting in so doing, and carefully noting particulars and results whilst on the spot.

This course having been followed on all occasions, and nearly always having had his notes verified by numerous engineering friends present at the time, the Author can give them to the public with full confidence in their being reliable and correct; and, not being interested in the results as affecting any individual maker, with perfect freedom from any attempt or inducement to mislead.

The Author would here acknowledge with many thanks the invaluable assistance he has received in all particulars relating to manual engines from his friend Mr. William Baddeley, C.E., to whose valuable notes and records, and great and varied information, he is much indebted; and also the politeness with which his requests for the use of the drawings of the different engines and appliances illustrated in this work have been responded to by the various makers.

In conclusion, the Author would suggest to all individuals whose avocation or position enable them to make observations or collect information on the important subject of this work, the desirability of their contributing the same to the general stock of information, as by so doing they will be assisting to furnish a collection of facts which must be serviceable in future investigations. With this view, he invites contributions of reliable information on any matter appertaining to the subject, to be used, if found suitable, should a second edition of the work be called for.

C. F. T. Y.

7 DUKE STREET, ADELPHI, LONDON:  
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