

ELEMENTS OF PLUMBING

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Elements of Plumbing by Samuel Edward Dibble

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SAMUEL EDWARD DIBBLE

**ELEMENTS
OF PLUMBING**

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ELEMENTS
OF
PLUMBING

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PREFACE

In preparing this manuscript the author has had in mind the needs of young men having no technical instruction who are anxious to become proficient in the art of Plumbing. As a consequence each exercise is minutely described and illustrated; so much so, perhaps, that an experienced mechanic may find it too simple for skilled hands and a mature mind. But the beginner will not find the exercises too elaborately described and will profit by careful study. Years of experience and observation have shown the author that the methods herein described are entirely practical and are in common use today.

The various exercises in lead work will acquaint the beginner with the correct use of tools and metals. The exercises in iron pipe work have also been detailed to show the correct installation of jobs.

Together with the study of this book the subjects of Mathematics, Physics, Chemistry, Drawing and English should be taken. These subjects as they bear on Plumbing are invaluable to the mechanic in his future connection with the trade.

The author is indebted for the illustrations of fixtures in the chapter covering the development of plumbing fixtures, to the Thomas Maddock's Sons Co., Standard Sanitary Mfg. Co., and The Trenton Potteries Co.

SAMUEL EDWARD DIBBLE.

PITTSBURGH, *December*, 1917.

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