

**STANDARD SPECIFICATIONS
FOR STRUCTURAL STEEL-
TIMBER-CONCRETE AND
REINFORCED CONCRETE**

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Standard Specifications for Structural Steel-Timber-Concrete and Reinforced Concrete by John C. Ostrup

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FOR

STRUCTURAL STEEL—TIMBER—CONCRETE AND REINFORCED CONCRETE

BY

JOHN C. OSTRUP, C.E.

CONSULTING ENGINEER

*Professor of Structural Engineering, Stevens Institute of Technology; Member American
Society of Civil Engineers; Member Institution of Civil Engineers;
Member American Society Promotion Engineering Education;
Member American Society Advancement of Science,
etc., etc.*



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PREFACE

A SERIOUS attempt has been made to incorporate into one volume a set of ten specifications, which not only cover the most important materials used in construction work of any magnitude, but which are condensed so as to avoid unnecessary repetitions, are consistent throughout, and which, at the same time, conform in every essential to the latest experiments and investigations, to the best authorities, to modern practice, and to the author's own considerable experience.

Of new matter, particular attention is called to the specifications for REINFORCED CONCRETE, as these are rather extensive, probably the first complete set in existence.

To facilitate the use of all specifications, the subject matter in each has been arranged, as nearly as possible, in the order, or rotation, in which the information is wanted.

Any designs made, or structures built in strict accordance with these specifications will insure first-class details, excellent materials, and creditable workmanship, as well as safety, durability, and economy. Hence they are designed to be equally well suited to the needs of engineers, architects, contractors, college professors and their students.

In the body of the specifications credit has been accorded to authorities, when quoted, to whom thanks are due. Thanks are also due to Francis P. Wittmer, M. Am. Soc. C.E., and others for many valuable suggestions.

J. C. O.

NEW YORK, September, 1910.

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