

SYMPOSIUM
ON HIGH-STRENGTH
CONSTRUCTIONAL METALS

Pittsburgh Regional Meeting
AMERICAN SOCIETY FOR TESTING MATERIALS
March 4, 1936



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FOREWORD

The papers and discussions appearing in this volume were presented as a Symposium on High-Strength Constructional Metals, held in conjunction with the seventh regional meeting of the American Society for Testing Materials at Pittsburgh, Pa., on March 4, 1936, under the auspices of the Pittsburgh District Committee. The papers cover chemical and physical properties and manufacturing and fabricating properties of metals and alloys employed for such constructional applications as buildings, bridges, ships, railway car bodies, automobile bodies, airplane wings, tanks, containers for the chemical industry, etc.

The committee immediately in charge of the technical program consisted of the following:

- Jerome Strauss, (Chairman), Vice-President, Vanadium Corporation of America.
- F. H. Frankland, Chief Engineer, American Institute of Steel Construction.
- R. A. Wilkins, Vice-President, Revere Copper and Brass Incorporated.
- E. H. Dix, Jr., Chief Metallurgist, Aluminum Research Laboratories, Aluminum Company of America.
- Dean Harvey, Materials Engineer, Material and Process Engineering Dept., Westinghouse Electric and Manufacturing Co.

The co-chairmen of the sessions at the symposium were:

Morning Session:

- N. L. Mochel, Metallurgical Engineer, Westinghouse Electric and Manufacturing Co.
- R. F. Mehl, Director, Metals Research Laboratory, and Head, Department of Metallurgy, Carnegie Institute of Technology.

Afternoon Session:

- H. W. Gillett, Metallurgist, Battelle Memorial Institute.
- H. F. Moore, Professor of Engineering Materials, University of Illinois.

**NOTE—The Society is not responsible, as a body, for the statements
and opinions advanced in this publication.**

CONTENTS

	PAGE
Carbon and Low-Alloy Steels—Edwin F. Cone	1
Discussion	25
Corrosion-Resisting Steels—Ernest E. Thum	31
Discussion	72
Alloys of Copper—C. H. Davis	79
Discussion	90
Alloys of Nickel—G. F. Geiger	95
Alloys of Aluminum and Magnesium—E. H. Dix, Jr., and J. J. Bowman	109
Discussion	125

