

Second Pacific Area Meeting Papers

CEMENT AND CONCRETE



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CEMENT AND CONCRETE

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AMERICAN SOCIETY FOR TESTING MATERIALS



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FOREWORD

Cement and concrete, being major construction materials, received their share of attention in the program of technical papers presented during the Second Pacific Area National Meeting held in Los Angeles, Calif., during the week of September 17, 1956. The program included certain subjects not commonly covered in technical bibliographies, such as hydrophobic cement, along with more common subjects as the effect of aggregate on the resistance of concrete to abrasion.

A total of nine papers were presented in two sessions with all being included in this publication with the exception of a paper on the "Determination of Magnesium Oxide in Portland Cement By Flame Photometry," presented by L. R. Pritchard, Lone Star Cement Corp. which was not intended for publication. The two sessions were sponsored by Committee C-1 on Cement, under the guidance of W. C. Hanna, California Portland Cement Co., and Committee C-9 on Concrete and Concrete Aggregates, through R. E. Davis, University of California, respectively. M. A. Swayze, Lone Star Cement Corp., presided at the Session on Cement, with Byron Weintz, Consolidated Rock Products Company, presiding at the Session on Concrete.

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

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THIS PUBLICATION is one of many issued by the American Society for Testing Materials in connection with its work of promoting knowledge of the properties of materials and developing standard specifications and tests for materials. Much of the data result from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government.

Over the years the Society has published many technical symposiums, reports, and special books. These may consist of a series of technical papers, reports by the ASTM technical committees, or compilations of data developed in special Society groups with many organizations cooperating. A list of ASTM publications and information on the work of the Society will be furnished on request.