### Second Pacific Area Meeting Papers

Symposium on

## INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER



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# SYMPOSIUM ON INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER

# Presented at the SECOND PACIFIC AREA NATIONAL MEETING Los Angeles, Calif., September 20, 1956 AMERICAN SOCIETY FOR TESTING MATERIALS



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#### FOREWORD

This Symposium on Industrial Water and Industrial Waste Water was developed under the auspices of ASTM Committee D-19 on Industrial Water. The papers were presented and discussed at the Second Pacific Area National Meeting of the Society held in Los Angeles, Calif., September 20, 1956. An additional paper by Mr. Claude K. Rice on "Three is a Vital Number" (The relations of the Public, Government and Industry in the measurement and abatement of stream pollution), presented at the Industrial Water Luncheon on September 20, 1956, is also included in this publication.

Mr. L. D. Betz, General Manager, W. H. and L. D. Betz, Philadelphia, Pa., acted as Symposium Chairman and presided over the morning session. Mr. R. C. Adams (Vice Chairman of Committee D-19), Superintendent of the Chemical Engineering Laboratory of the U. S. Naval Engineering Experiment Station, Annapolis, Md., acted as Chairman for the afternoon session.

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.