

SIGNIFICANCE OF TESTS AND PROPERTIES OF CONCRETE AND CONCRETE-MAKING MATERIALS

Sponsored by
ASTM Committee C-9 on
Concrete and Concrete Aggregates
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Foreword

This publication is a revision and expansion of the report on *Significance of Tests and Properties of Concrete and Concrete-Making Materials* published in 1966. That publication in turn replaced editions of *Report on Significance of Tests of Concrete and Concrete Aggregates* published in 1935, 1943, and 1956. The present report covers several types of materials not referred to in the earlier reports but whose importance has increased greatly since preparation of the 1966 report.

As was true for the previous publications in this series, the separate chapters have been prepared by individuals selected because of their knowledge of the respective subjects and because of their participation in development of pertinent methods of testing and specifications. While independent expression by the authors has been encouraged, individual chapters have been reviewed and the entire report has been coordinated by a special committee appointed for that purpose by ASTM Committee C-9 on Concrete and Concrete Aggregates. The special committee in charge consisted of: C. H. Best, Kansas State University, Manhattan, Kansas, chairman; B. Mather, U. S. Army Engineers, Waterways Experiment Station, Vicksburg, Miss.; J. F. McLaughlin, Purdue University, West Lafayette, Ind.; R. C. Mielenz, The Master Builders Co., Division of Martin Marietta, Cleveland, Ohio; J. T. Molnar, The Standard Slag Co., Youngstown, Ohio; M. Polivka, University of California, Berkeley, Calif.; and R. D. Walker, Virginia Polytechnic Institute and State University, Blacksburg, Va.

Related ASTM Publications

**Concrete Pipe and the Soil Structure System, STP 630 (1977),
04-630000-07**

Living with Marginal Aggregates, STP 597 (1976), 04-597000-07

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