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The objective of ASTM's *Journal of Testing and Evaluation* is to provide a forum for presenting data derived from the testing and evaluation of materials, products, systems, and services of interest to the practicing engineer. Papers will be accepted on the grounds that they present new techniques or provide new information on existing methods of testing and evaluation, or that they contain new data resulting from testing and evaluation.

The importance of engineering standards to industry, national and international trade, and the protection of the public is now universally recognized. The technical validity of engineering standards—the international vocabulary of practical engineering communication—will be enhanced by continuing advances in methods of testing and evaluation.

Papers are reviewed on the basis of the inclusion of experimental data or mathematical derivations, or both, either as original work or as needed to confirm the theoretical conclusions or proposals, and their contribution to the permanent literature. The substance of the paper must not have been published in the open literature. Discussions of published papers may be submitted at any time and are also subject to review.

Many of the articles appearing in the *Journal of Testing and Evaluation* are specifically presented to provide the basis for new or improved standard methods and to stimulate new ideas. If you have suggestions for possible areas of standardizations, please contact R. L. Meltzer, Director of Publications, ASTM, 1916 Race St., Philadelphia, Pa. 19103.

## INFORMATION FOR AUTHORS

Authors preparing papers for submittal to the journal should observe the conventions of style explained in the *ASTM Style Manual*. Since the journal does not request page charges, the author is expected to observe these standard conventions for style. The original manuscript and three copies, including original charts and illustrations, should be submitted to K. C. Lieb, Managing Editor, Periodicals, ASTM, 1916 Race St., Philadelphia, Pa. 19103.

## GENERAL

This publication is one of many issued by the American Society for Testing and Materials in connection with its work in promoting knowledge of the properties and performance of materials, products, systems, and services, as well as in developing standard specifications and test measurement techniques to establish their value. Much of the information results from the voluntary contributions of many of the country's leading technical authorities from industry, scientific agencies, and government. A list of ASTM publications and information on the work of the Society will be furnished on request.

## IN APPRECIATION

The high quality of the papers that appear in this publication is a tribute not only to the obvious efforts of the authors represented but to the unheralded, though essential, efforts of their reviewers. It is to the reviewers' dedication to upholding the high standards of their profession that this note pays tribute. On behalf of the Society and the authors as well, we acknowledge with appreciation their important contribution to the success of this journal.