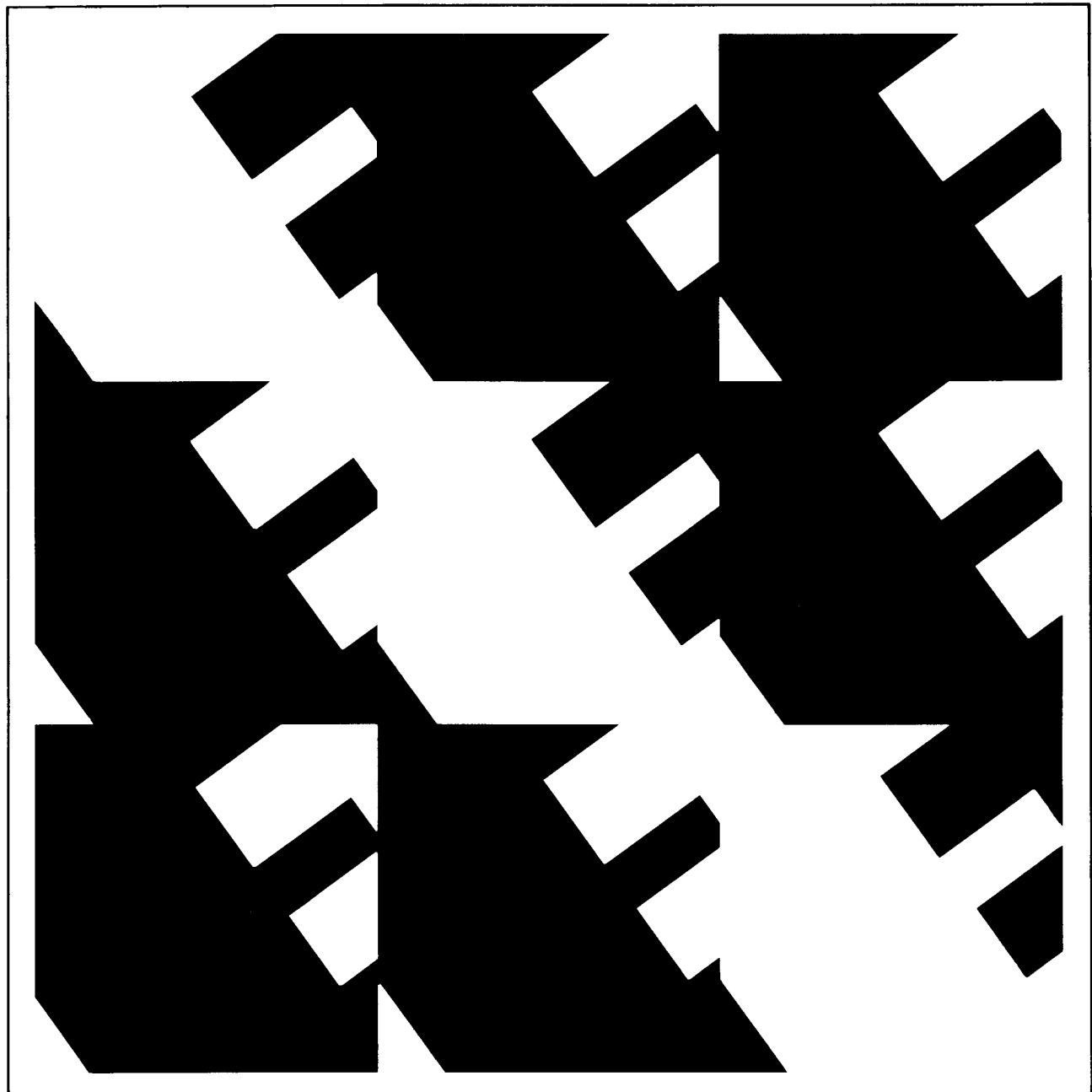


IEEE Guide for Determining the Smoke Generation of Solid Materials Used for Insulations and Coverings of Electric Wire and Cable

ANSI/IEEE Std 816-1987



Published by The Institute of Electrical and Electronics Engineers, Inc 345 East 47th Street, New York, NY 10017, USA

May 28, 1987

SH11080

An American National Standard

**IEEE Guide for Determining the
Smoke Generation of Solid Materials
Used for Insulations and Coverings of
Electric Wire and Cable**

Sponsor

**Insulated Conductors Committee of the
IEEE Power Engineering Society**

Approved March 22, 1984

IEEE Standards Board

Approved September 4, 1984

American National Standards Institute

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Foreword

(This Foreword is not a part of ANSI/IEEE Std 816-1987, IEEE Guide for Determining the Smoke Generation of Solid Materials Used for Insulations and Coverings of Electric Wire and Cable.)

This guide was developed to aid wire and cable manufacturers in the study of the smoke generation characteristics of materials used in their products. Its intent is to provide improved materials and new polymers for wire and cable products. These small-scale laboratory tests are recommended for use in identifying promising materials for further study and large-scale testing. These tests are not meant to provide smoke-hazard assessment for end-use applications and are not intended as code criteria.

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