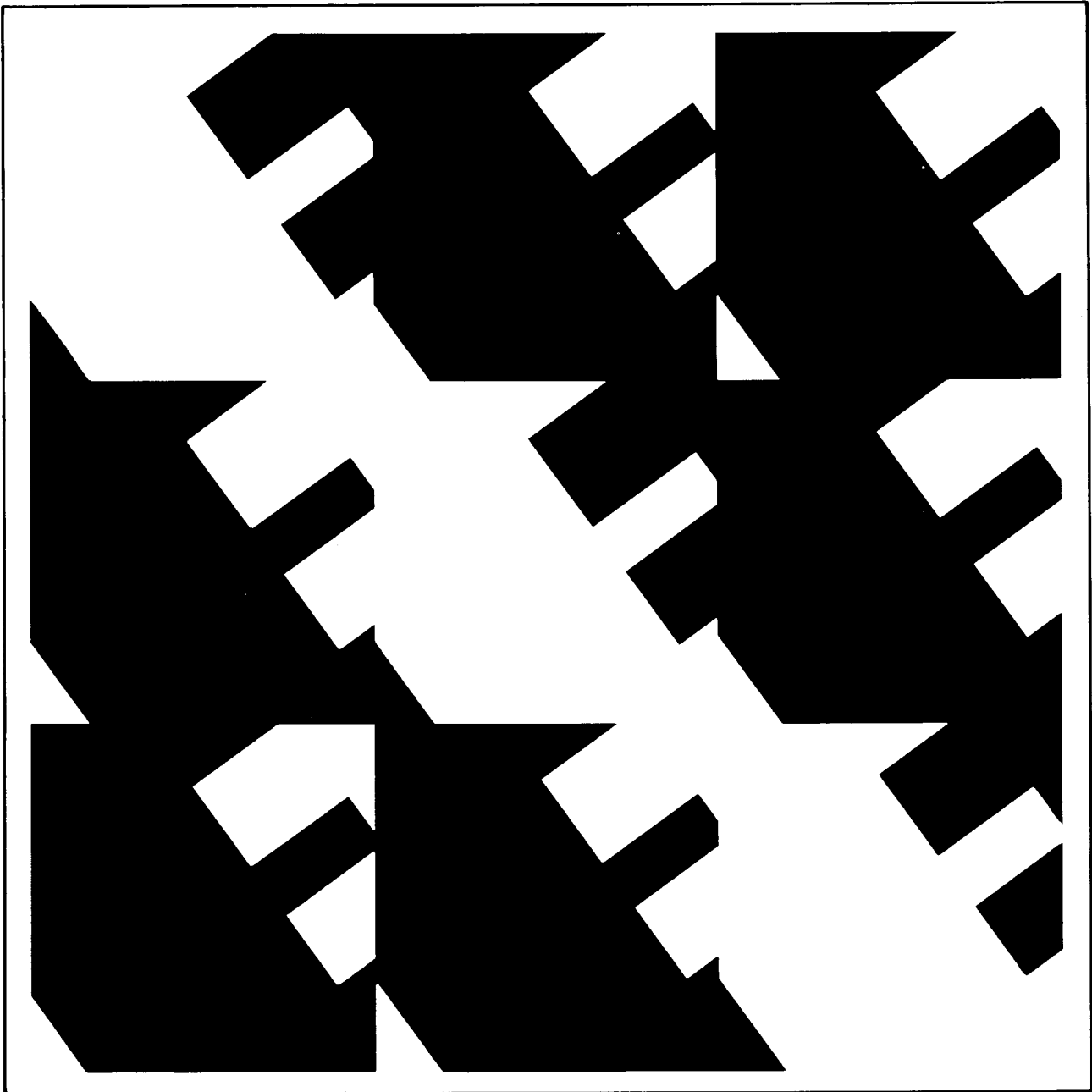


IEEE Recommended Practice for Specifying Distribution Composite Insulators (Suspension Type)

IEEE Std 1024-1988



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

January 9, 1989

SH12344

IEEE Recommended Practice for Specifying Distribution Composite Insulators (Suspension Type)

Sponsor
**Transmission and Distribution Committee
of the
IEEE Power Engineering Society**

Approved June 9, 1988
IEEE Standards Board

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Foreword

(This Foreword is not a part of IEEE Std 1024-1988, IEEE Recommended Practice for Specifying Distribution Composite Insulators [Suspension Type].)

This recommended practice represents a milestone in the evolution of composite insulators for the overhead insulation of electric power distribution systems. It signifies the effective standardization of the suspension type of insulator design.

The recommendation contains several design tests that are unique to composite insulators. Section 8.1 makes reference to tests on the materials used in the construction of the insulators and Section 8.2 contains a test for mechanical load carrying capability under power arc.

The tolerance in the connection length dimensions shown in the figures of the document are indicative that further standardization is needed.

This recommendation was drawn up by a task force of the Nonceramic Insulator Working Group of the Lightning and Insulator Subcommittee, Transmission and Distribution Committee of the IEEE Power Engineering Society.

At the time this standard was approved, G. G. Karady was the chairman of the working group. E. A. Cherney served as the chairman of the task force and was instrumental in guiding the development of this recommended practice. The working group members were as follows:

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