

IEEE Guide for Making Corona (Partial Discharge) Measurements on Electronics Transformers

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THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.

**IEEE Guide for Making Corona
(Partial Discharge) Measurements on
Electronics Transformers**

Sponsor

**Electronics Transformer Technical Committee
of the
IEEE Magnetics Society**

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Foreword

(This Foreword is not part of IEEE Std 436-1977, Guide for Making Corona (Partial Discharge) Measurements on Electronics Transformers.)

This publication is a guide to provide electronics transformer engineers with a standard method for detecting and measuring corona in electronics transformers. Since there is no simple definition or unit for corona, it is felt that a guide of the nature herein will be useful in establishing a common ground of understanding between transformer and systems design engineers and transformer manufacturers in the development of service and performance requirements.

This publication was prepared by a Working Group of the Insulations Systems Subcommittee of the Electronics Transformer Technical Committee of the IEEE Magnetics Society. The Subcommittee membership was:

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