

**STANDARD FOR
PARTIAL DISCHARGE TEST PROCEDURE**

**Approved by
AMERICAN NATIONAL STANDARDS INSTITUTE
June 26, 2013**

Publication # ANSI/ICEA T-24-380-2013

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INSULATED CABLE ENGINEERS ASSOCIATION, Inc.

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Partial Discharge Test Procedure

Standard
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Published By
INSULATED CABLE ENGINEERS ASSOCIATION, Inc.
Post Office Box 1568
Carrollton, Georgia 30112, U.S.A.

Approved by Insulated Cable Engineers Association, Inc.: December 5, 2012
Approved by ANSI: June 26, 2013

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FOREWORD

The Insulated Cable Engineers Association Inc. (ICEA) developed this Standards Publication for Partial Discharge Test Procedure (ICEA T-24-380).

ICEA standards are adopted in the public interest and are designed to eliminate misunderstandings between the manufacturer and the user and to assist the user in selecting and obtaining the proper product for his particular need. Existence of an ICEA standard does not in any respect preclude the manufacture or use of products not conforming to the standard. The user of this Standards Publication is cautioned to observe any health or safety regulations and rules relative to the manufacture and use of cable made in conformity with this Standard.

Requests for interpretation of this Standard must be submitted in writing to the Insulated Cable Engineering Association, Inc., P. O. Box 1568, Carrollton, Georgia 30112. An official written interpretation will be provided. The Association will welcome suggestions for improvements gained in the use of this Standard.

The members of the ICEA working group contributing to the writing of this Standard consisted of the following:

R. Bristol, Chairman

E. Bartolucci
R. Fleming
M. Levitre
R. Szilagyi
R. Williamson

J. Cancelosi
M. Fuller
C. Lindler
W. Temple

B. Crawford
F. Kuchta
K. Nuckles
R. Thrash

A. Davila
P. Leblanc
C. Spradlin
E. Walcott

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1.0 SCOPE

This Factory Test Procedure applies to the detection and measurement of partial discharges occurring in the following types of solid dielectric cables:

1.1 Single Conductor Cables

Single conductor shielded cables and assemblies thereof.

1.2 Multiple Conductor Cables

Multiple conductor cables with individually shielded conductors within an outer covering.