



**STANDARD FOR  
PARTIAL DISCHARGE TEST PROCEDURE**

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**INSULATED CABLE ENGINEERS ASSOCIATION, Inc.**

**STANDARD FOR**  
**Partial Discharge Test Procedure**

**Standard**  
**ANSI/ICEA T-24-380-2007**

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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.

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## **1.0 SCOPE**

This Test Procedure applies to the detection and measurement of partial discharges occurring in the following types of electric 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.