

# PC57.96

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**Submitter Email:** richard.p.marek@usa.dupont.com  
**Type of Project:** Revision to IEEE Standard C57.96-1999  
**PAR Request Date:** 12-Oct-2009  
**PAR Approval Date:** 09-Dec-2009  
**PAR Expiration Date:** 13-Dec-2013  
**Status:** PAR for a Revision to an existing IEEE Standard C57.96-1999  
**Project Record:** C57.96

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**1.1 Project Number:** PC57.96  
**1.2 Type of Document:** Guide  
**1.3 Life Cycle:** Full Use

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**2.1 Title:** Guide for Loading Dry-Type Distribution and Power Transformers      **Old Title:** IEEE Guide for Loading Dry-Type Distribution and Power Transformers

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**3.1 Working Group:** Dry Type Transformers - Dry Type Distribution Working Group (PE/TR/DryType-WGC57.96)

**Contact Information for Working Group Chair**

**Name:** Tom Prevost  
**Email Address:** tom.prevost@wicor.com  
**Phone:** 802-748-8106

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Power & Energy Society/Transformers (PE/TR)

**Contact Information for Sponsor Chair**

**Name:** Tom Prevost  
**Email Address:** tom.prevost@wicor.com  
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**Contact Information for Standards Representative**

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 07/2012

**4.3 Projected Completion Date for Submittal to RevCom:** 10/2013

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 25

**5.2 Scope:** This guide covers general recommendations for the loading of dry-type distribution and power transformers, including those installed in ventilated, nonventilated and sealed type enclosures.

**Old Scope:** Update the existing document to resolve negative ballots received during re-affirmation and to include a section incorporating transformers with solid cast and/or resin encapsulated epoxy windings.

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** This document provides users with guidelines and limitations for loading dry-type transformers according to nameplate rating. Guidance is also provided for assessing the risks and consequences of loading above nameplate rating.

**Old Purpose:** To provide users with a more accurate determination of how to load transformers while maintaining its integrity and to give user of transformers with epoxy windings a loading guide.

**5.5 Need for the Project:** The document contains a number of technical errors and should be updated to current technology practice.

**5.6 Stakeholders for the Standard:** All manufacturers and users of dry-type transformers

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**Intellectual Property**

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No

**6.1.b. Is the Sponsor aware of possible registration activity related to this project?:** No

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**7.1 Are there other standards or projects with a similar scope?:** Yes

**If Yes please explain:** The products covered under these two documents are sufficiently different to warrant separate documents and

each document refers heavily to its own series documents.

**and answer the following**

**Sponsor Organization:** IEC

**Project/Standard Number:** 60076-12

**Project/Standard Date:** 05-Nov-2008

**Project/Standard Title:** Power transformers - Part 12: Loading guide for dry-type power transformers

## **7.2 International Activities**

### **a. Adoption**

**Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization?:** No

### **b. Joint Development**

**Is it the intent to develop this document jointly with another organization?:** No

### **c. Harmonization**

**Are you aware of another organization that may be interested in portions of this document in their standardization development efforts?:** No

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## **8.1 Additional Explanatory Notes (Item Number and Explanation):**