

PC57.12.00

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Type of Project: Modify Existing Approved PAR

PAR Request Date: 18-Nov-2009

PAR Approval Date: 23-Jan-2010

PAR Expiration Date: 31-Dec-2011

Status: Modification to a Previously Approved PAR for the Revision of a Standard C57.12.00-2006

Root PAR: PC57.12.00 **Approved on:** 07-Jun-2007

Project Record: C57.12.00

1.1 Project Number: PC57.12.00

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

Old Title: Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers

3.1 Working Group: Standards Working Group on the Continuous Revision of C57.12.00 (PE/TR/Std. WG - Cont. Revision C57.1)

Contact Information for Working Group Chair

Name: Steve Snyder

Email Address: slsnyder@ieee.org

Phone: (731) 288-4282

Contact Information for Working Group Vice-Chair

None

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

Contact Information for Sponsor Chair

Name: James Smith

Email Address: edsmith@h-jenterprises.com

Phone: 636.677.3421

Contact Information for Standards Representative

Name: William Bartley

Email Address: william_bartley@hsb.com

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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: 10/2007

4.3 Projected Completion Date for Submittal to RevCom: 02/2010

5.1 Approximate number of people expected to be actively involved in the development of this project: 28

5.2 Scope: This standard describes electrical and mechanical requirements of liquid-immersed distribution and power transformers, and autotransformers and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding.

This standard applies to all liquid-immersed distribution, power, and regulating transformers that do not belong to the following types of apparatus:

- a) Instrument transformers
- b) Step voltage and induction voltage regulators
- c) Arc furnace transformers
- d) Rectifier transformers
- e) Specialty transformers
- f) Grounding transformers
- g) Mobile transformers
- h) Mine transformers

Old Scope: This standard is a basis for the establishment of performance, limited electrical and mechanical interchangeability, and requirements of equipment described. It is also a basis for assistance in the proper selection of such equipment.

This standard describes electrical, mechanical, and requirements of liquid-immersed distribution and power transformers, and autotransformers and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding.

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- g) Mobile transformers
- h) Mine transformers

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

5.4 Purpose: This standard is a basis for the establishment of performance, and limited electrical and mechanical interchangeability requirements, of the equipment described. It is also a basis for assistance in the proper selection of such equipment.

Old Purpose: This standard is a basis for the establishment of performance, limited electrical and mechanical interchangeability, and requirements of equipment described. It is also a basis for assistance in the proper selection of such equipment.

5.5 Need for the Project: Continuous revision. This standard is being revised to include technical changes to the document, which have been proposed by various technical working groups and sub-committees within the PES Transformers Committee.

5.6 Stakeholders for the Standard: The primary stakeholders for this project include the manufacturers and users of liquid-filled distribution and power transformers and their ancillary equipment. Additional stakeholders also include transformer industry service providers such as consultants, utility contractors, and insurance/casualty underwriters.

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

7.1 Are there other standards or projects with a similar scope?: No

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

8.1 Additional Explanatory Notes (Item Number and Explanation): This PAR Modification is necessary in order to have the Draft Title, Scope & Purpose match the PAR, exactly. The changes are all editorial /grammatical. For example, the title was changed from "Standard for Standard General Requirements ..."

to just:

"Standard for General Requirements..."