PC57.12.10

Submitter Email: grhoffman@advpowertech.com
Type of Project: Modify Existing Approved PAR
PAR Request Date: 08-Jun-2009
PAR Approval Date: 11-Sep-2009
PAR Expiration Date: 31-Dec-2009
Status: Modification to a Previously Approved PAR
Project Record: C57.12.10

1.1 Project Number: PC57.12.10
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard Requirements for Liquid-Immersed Power Transformers

3.1 Working Group: Power Transformers - Req. for Liq. Imm. Power Xfrmrs Working Group (PE/TR/PwrTrans-WGC57.12.10)
Contact Information for Working Group Chair
Name: Gary Hoffman
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Name: Saurabh Ghosh
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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
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Contact Information for Standards Representative
Name: William Bartley
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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: 06/2009
4.3 Projected Completion Date for Submittal to RevCom: 10/2009

5.1 Approximate number of people expected to be actively involved in the development of this project: 20
5.2 Scope: This voluntary consensus standard sets forth the requirements for power transformer application. This standard is intended for use as a basis for performance, interchangeability, and safety of equipment covered, and to assist in the proper selection of such equipment.
This is a product standard which covers certain electrical, dimensional, and mechanical characteristics of 50 and 60 Hz, liquid-immersed power and auto-transformers. Such power transformers may be remotely or integrally associated with either primary switchgear or substations, or both, for step-down or step-up purposes base rated as follows: 833 kVA and above Single-Phase, 750 kVA and above Three-Phase. This standard applies to all liquid-immersed power and auto-transformers that do not belong to the following types of apparatus:
a) Instrument Transformers
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a) Instrument Transformers; Step voltage and induction voltage regulators; Arc-Furnace Transformers; Rectifier Transformers; Specialty Transformers; Grounding Transformers; Mobile Transformers; Mine 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

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

5.4 Purpose: The purpose of this project is to update C57.12.10 and to remove any reference to distribution transformers which will be covered in a new stand alone standard, C57.12.36. Purpose clause will not be present in the draft standard.

5.5 Need for the Project: Defines the basic requirements for liquid-immersed power transformers not covered by C57.12.36.

5.6 Stakeholders for the Standard: Power Utilities, Industrial Users, Transformer Manufacturers

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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?: 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

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8.1 Additional Explanatory Notes (Item Number and Explanation): Modify PAR was submitted to harmonize scope to that contained within the draft.