PC57.12.10

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Type of Project: Revision to IEEE Standard C57.12.10-2010
PAR Request Date: 26-Jan-2015
PAR Approval Date: 26-Mar-2015
PAR Expiration Date: 31-Dec-2019
Status: PAR for a Revision to an existing IEEE Standard
Root Project: C57.12.10-2010

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
Changes in title: IEEE 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)
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3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Transformers (PE/TR)
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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: 11/2017
4.3 Projected Completion Date for Submittal to RevCom: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 50
5.2 Scope: This voluntary consensus standard sets forth the requirements for power transformer application. This standard is intended to be used as a basis for performance, interchangeability, and safety of the equipment covered and to assist in the proper selection of such equipment.

This document is a product standard that covers certain electrical, dimensional, and mechanical characteristics of 50 Hz and 60 Hz, liquid-immersed power transformers and autotransformers. Such power transformers may be remotely or integrally associated with either primary switchgear or substations, or both, for step-down or step-up purposes and base rated as follows: 833 kVA and above single-phase, 750 kVA and above three-phase.

This standard applies to all liquid-immersed power transformers and autotransformers 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

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This document will not include a purpose clause.
5.5 Need for the Project: Defines the basic requirements for liquid-immersed power transformers not covered by C57.12.36-2007 - IEEE Standard Requirements for Liquid-Immersed Distribution Substation Transformers.

5.6 Stakeholders for the Standard: Power Utilities, Industrial Users, Transformer Manufacturers, Manufacturers of Power Transformer Accessories, Consultants serving Power Utilities and Industrial Users

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

8.1 Additional Explanatory Notes (Item Number and Explanation):