

Distribution Transformer Subcommittee Task force / Working Group Report

Document #: C57.12.39

Document Title:

Standard for Distribution Transformer Tank Pressure Coordination

Chair: Carlos Gaytan Vice-Chair _____

Secretary Jeremy Van Horn

Current Draft Being Worked On: N/A Dated: N/A

Meeting Date: 15 Oct 2018 Time: 4:45 – 6:00 PM

Attendance:	Members	<u>11</u>
	Guests	<u>20</u>
	Total*	<u>31</u>

* For details of attendance, please refer to AMS system of the Transformers Committee

Meeting Minutes / Significant Issues / Comments:

The meeting was called to order at 4:46 PM. Introductions were made. Carlos Gaytan called the question for essential patent statements and responses, none were raised.

Quorum was checked. The working group consisted of 26 members, requiring 13 for quorum. 7 members were confirmed at the time of counting, so quorum was not established. 11 members were confirmed afterwards through the roster.

Neither the agenda, nor the minutes from the previous meeting could be approved since quorum had not been established.

Old business: Carlos presented the chair report. The C57.12.39-2017 standard was published on May 4, 2018. The 10-year cycle ends on Dec. 31, 2027; the latest start year for a revision to meet this deadline is 2022.

New business: Carlos presented a list of possible items for consideration into the next revision of the standard:

- i. Add requirements for negative pressures
- ii. Clarify applicability of standard for submersible transformers
- iii. Changes on requirements for Design Tests for Fault current capability
- iv. Temperature requirements

Carlos presented a new potential scope and asked the group when the next revision process should be started. A discussion followed:

Multiple other standards such as C57.12.20 are currently working to align with C57.12.39 in their active revisions. Since the 2017 publication of C57.12.39 doesn't cover negative pressure requirements, those other documents are considering their adoption.

Steve Shull commented that it would be beneficial for the other standards if C57.12.39 could be accelerated and published before the other standards were updated, but that it would not be possible due to the time required for the PAR approval process. The consensus was to gather comments while updating the other documents and postpone a new C57.12.39 PAR for 3-4 years. No formal decision was made to postpone the PAR, since quorum had not been established.

Jerry Murphy also commented about the definitions of the terms "nominal" and "rapid transient". Carlos commented that they were defined in the document. Jerry mentioned that nominal pressures should include both high and low ambient pressures since transformers can deform due to negative pressures as well as positive. This would be one of the items considered for the next revision of the standard.

The WG will not meet in the Spring 2019 meeting in Anaheim. The meeting was adjourned at 5:15 PM.

Submitted by: C. Gaytan / J. Van Horn

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Date: 10/17/2018