

Distribution Transformer Subcommittee

Task force / Working Group Report

Document #: PC57.12.34

Document Title: **Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 10 MVA and Smaller; High-Voltage, 34.5 Nominal System Voltage and Smaller; Low Voltage, 15kV Nominal System Voltage and Below**

Chair: Ron Stahara Vice-Chair Stephen Shull

Secretary Stephen Shull

Current Draft Being Worked On: REV 0 Dated: 10/24/2016

Meeting Date: 10/30/2017 Time: 3:15 – 4:30pm

Attendance:	Members	<u>32</u>
	Guests	<u>45</u>
	Total*	<u>77</u>

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

Meeting Minutes / Significant Issues / Comments:

Ron Stahara called the meeting to order and introductions were made. The rosters were circulated. The names of those in attendance are recorded in the AM system. To establish a quorum, a members list was displayed on the screen and those who saw their names were asked to hold up their hand. From this count of hands, it was determined that a quorum was established. The Patent Slide statement calling for Essential Patent Claims was read and no new patents were brought up. The agenda was presented and the group approved the agenda unanimously. The Spring 2017 Minutes were presented, and the group approved the minutes unanimously.

Task force reports were given on the following items.

- **Figure Review - Gary King, Task Force Chair**

As Gary and his team combed through these, they found a number of inconsistencies, as well as editorial, and technical errors. Gary's team supplied these corrections and changes to Steve Shull who attempted to make the corrections in the document. These were illustrated for the group in the PowerPoint presentation. Steve got most of these correct but was shown by Gary King a couple items which were incorrect. Steve made note of these items and committed to include them in the next revision.

- **Existing Standards - Dan Mulkey, Task Force Chair**

Israel Barrientos was tasked last time to review the ASME B30.9 and IEEE C57.12.90 for any changes that would need to be included in the new document. He reviewed these and found that even though there had been a definition change for the **Angle of Loading** in the B30.9, it didn't affect our document. This was further explained that we reference lifting which defines the angle in the vertical plane. This was important in that there is also an **Angle of Loading** in the horizontal plan. In reviewing C57.12.90-2010, he found that the Table 4 in the old document had moved to the Table 3 in the 2015 document. He shared a number of places that this had to be changed in the new revision of this document. Although this next item was not in what he was tasked to do, he did discover that in C57.12.00-2010, Table 15 of this document had moved to Table 12 in the 2015 document. All of these corrections will be included in the next draft.

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- **Informative Annex – Steve Shull**

Steve Shull presented a new version of the annex. This is still a work in process and a number of items were noted to add and adjust. It was also pointed out that the items that are now included in the standard should remain in the standard. The key is that if the item is needed for health and safety, it should remain as it is now referenced in the current standard.

The chair asked that Steve Shull would complete these items and provide a new version to be review in the Spring 2018 meeting.

Submitted by: Stephen Shull

Date: 10/31/2017