

Distribution Transformer Subcommittee

Task force / Working Group Report

Document #: C57.12.38

Document Title: Standard for Pad-Mounted-Type, Self-Cooled, Single-Phase Distribution Transformers 250 kVA and Smaller; High Voltage, 34 500 GrdY/19 920 V and Below; Low Voltage, 480/240 V and Below

Chair: Ali Ghafourian Vice-Chair Martin Rave

Secretary N/A

Current Draft Being Worked On: D1.2 Dated: N/A

Meeting Date: March 26, 2018 Time: 1:45 pm

Attendance:	Members	<u>28</u>
	Guests	<u>46</u>
	Total*	<u>74</u>

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

Meeting Minutes / Significant Issues / Comments:

The Chair called the meeting to order at 1:45 pm.

Meeting attendees introduced themselves including consultants providing their affiliations to the Working Group. Rosters were circulated to record the meeting attendance.

The Chair called for essential patents as required using the statement provided in the general session. No essential patents were brought forward.

A quorum was established with 28 of 37 working group members present.

The agenda for the meeting was presented, and Kent Miller offered a motion with a second from Jerry Murphy to approve the agenda. The agenda was unanimously approved.

The minutes of the 2017 Fall meeting in Louisville, KY have been posted on the website since shortly after that meeting for the working group members to review. There were no suggested changes to the meeting minutes. Ron Stahara offered a motion with a second from Ed Smith to approve the meeting minutes. The meeting minutes were unanimously approved.

The Chair informed the working group members the PAR has been approved and expires in December 2021. The most recent standard was published in August 2014, and the next revision is due in December 2024.

Giuseppe Termini presented the results of responses from manufacturers to the transformer accessories survey issued by the Task Force comprised of Wes Suddarth, Craig DeRouen, and Giuseppe Termini. The survey responses showed customer demand for various transformer accessories. The survey results are included as a separate file accompanying the meeting minutes.

Israel Barrientos presented recommendations for revisions to existing figures in C57.12.38 as the result of a review performed by the Task Force comprised of Jim Spaulding, Mike Thibault, and Israel Barrientos. The recommendations are included as a separate file accompanying the meeting minutes.

Mike Thibault offered a motion with a second from Jeff Valmus that a Task Force be created to provide a draft of an annex to C57.12.38 regarding all the transformer accessories included in the Task Force survey including the additional electrical and mechanical requirements specified by

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customers not included in the original survey. The Working Group members approved the creation of this Task Force by a vote of fourteen For and one Against the motion. The Working Group discussed the information to be included in the draft of an annex regarding transformer accessories. Recommendations included providing a general description, purpose, and installation location for the transformer accessory. Additional discussion by the Working Group cautioned about providing too much detail regarding the installation location of a transformer accessory.

Giuseppe Termini offered a motion with a second from Steve Shull for the Working Group to review and determine which electrical and mechanical requirements specified by customers not included in the original survey to be included in the draft of an annex. The Working Group members approved the motion with unanimous approval. The Working Group reviewed and determined the following be included in the draft of an annex: fault indicator provision, ground connector, HV breaker, LV breaker, under oil arrester with disconnect switch, dual voltage switch, HV bushing insert, drain valve with sampler, LV surge arrester, LV bushing screw on spade terminal or setscrew connector, welded bayonet fuse drip tray, extra parking stand, and fault indicator.

The Task Force of Giuseppe Termini, Wes Suddarth, and Craig DeRouen will be expanded to include Jerry Murphy, Steve Shull, Jim Spaulding, and Igor Simonov and develop a draft of an annex regarding transformer accessories for Working Group review at the Fall 2018 Working Group meeting.

The Task Force of Israel Barrientos, Jim Spaulding, and Mike Thibault will continue their work and develop revised Figures to increase clarity for Working Group review at the Fall 2018 Working Group meeting.

There was no new business.

The Chair announced the Working Group will meet at the Fall 2018 meeting in Jacksonville, FL.

The Chair adjourned the meeting at approximately 2:55 pm.

Submitted by: Martin Rave
Date: 03/28/2018