

Unapproved Meeting Minutes
Task Force on PCS Continuous Revisions to C57.12.90
March 25, 2019; 11:00 to 12:15 pm

Hilton Anaheim Hotel

Meeting Room “California Ballroom (B)”

Anaheim California, USA

Chair: Hakan Sahin Secretary: Hamid Abdelkamel

The TF Chair called the meeting to order at 11:00am in the California Ballroom (B). Meeting attendees stood up and introduced themselves.

The chair went through a review of the purpose of the task force and the proposed agenda for the meeting.

There were 55 of the 83 TF members in attendance making this meeting “official” as a quorum of 66% was reached.

7 new guests requested membership that met requirements and were added to the membership list.

2 guests requested membership, but they did not meet the requirements.

The meeting agenda was approved.

Fall 2018 meeting minutes were approved.

The Chair then moved on to the discussion on old and new businesses.

1. Testing the transformer with the same oil in the factory as it will be in service

During the Fall 2017 meeting a new business was brought up requesting that the Insulating Liquid used for service also to be used for factory testing. This was brought up as new business during the Spring 2019 meeting. The insulation of transformers for higher voltages are designed differently for ester fluids than it is for mineral oil, hence the transformer should be tested with the oil that it will be have for its service. It was reminded to the TF that temp test and dielectric tests do not fall under PCS with clear note that Performance Characteristics (PCS), which this task force is under, does not cover Subclause 10 or 11 (Dielectric Test and Temperature Test, respectively).

After many comments made by the attendees, the final decision was made to run this out of the Standards SC for the changes and this business is removed from TF C57.12.90

2. Number of short circuit test Clause 12.3.4

A new business which was proposed by Shankar Subramany was discussed. This is related to the number of short circuit tests under Clause 12.3.4 where Shankar states in his written comments that; There is a confusion on the number of tests to be performed while applying the 1.5 method on a 3 phase transformer as well as single phase testing of a single phase transformer. Shankar was not present at the meeting but the chair reviewed his presentation slides with the group. The proposal was reviewed and after couple comments it was agreed by the group to continue working on this under C57.12.90 TF.

3. Typo correction for Altitude correction, clause 11.4.2

The chair then pointed out a typo under clause 11.4.2 on the correction of liquid temperature rises for differences in altitude and commented that this will be corrected during the next revision of the C57.12.90

4. New business discussion under 7.1.2 Voltage and frequency

A new business which was proposed by Sylvain Plante was presented to the group and the group agreed to continue to work on to update the section 7.1.2 Voltage and Frequency of the ratio test to give a larger bandwidth for the acceptable frequency.

The meeting was adjourned at 11:57am.