

Unapproved Minutes
Standards Subcommittee
Raleigh, North Carolina
March 19, 2003

5.0 Transformer Standards – T. A. Prevost

The Standards Sub Committee met on Wednesday March 19, 2003.
The Minutes from Oklahoma City Meeting were approved as written.

5.1 Reports of WG's:

5.1.1 C57.12.00, C57.12.90 - Subhash Tuli, WG Chair

Both C57.12.00 and C57.12.90 have been balloted for revision. This ballot resulted in several negatives which have been given to the appropriate technical sub committee for resolution. One large issue is metrification. Many balloters feel that dual dimensions are needed. We discussed the two year revision cycle of these standards. The sub-committee felt that this was still OK.

5.1.2 PC57.144 WG on Guide for Metrification of Transformer Standards – Dudley Galloway, WG Chair

The guide is basically complete. Will send out for ballot before the next committee meeting. This is a good tool for metric conversion units and accuracy.

5.1.3 Reaffirmation of IEEE 62: IEEE Guide for Diagnostic Field Testing of Electric Power Apparatus - Part 1: Oil Filled Power Transformers, Regulators, and Reactors - Wally Binder, WG Chair

This standard was formerly maintained by the Power System Instrumentation and Measurement Committee. The transformer committee has agreed to take over maintenance of this standard. The reaffirmation ballot closes on April 16th.

5.2 Old Business

5.2.1 C57 Standards Collection

IEEE sold ~100 CDs at the last Transformers Committee meeting. The consensus is that we should continue to offer CDs which are updated at a preferred period of two years.

5.2.2 Metrification of Transformer Standards

This issue centers around metric issues in PC57.12.34 which is in the ballot stage. PC57.12.34 was recirculated with inch-pound equivalent units in annexes and a normative annex which contained inch-pound tables as reference. This ballot passed with 79% affirmative votes but with a negative from SCC14 for having inch-pound units in a normative annex (should be informative). Everyone agreed that this document is not in the format that it needs to be in to have a clear, concise standard with no possibility for confusion of units which could lead to safety issues. We will submit PC57.12.34 with dual dimensioning and request an exception to the metric policy to the standards board.

5.2.3 C57.12.00 Proposed Changes to Temperature Rise

The insulation life sub-committee is investigating changes to the temperature rise values in C57.12.00. This issue will be addressed in the Insulation Life Subcommittee. However, should there be exceptions added to C57.12.00 for issues such as other temperature rise values these will be put in an annex rather than added to the main body of the document.