

## *Unapproved Meeting Minutes*

### *Working Group for Continuous Revisions to C57.12.00 Performance Characteristics Subcommittee IEEE / PES Transformers Committee*

*October 23, 2006 1:45 PM  
Delta Centre-Ville Hotel  
Montreal, Quebec, CANADA*

The Working Group met on Monday, October 23 at 1:45 PM. There were 22 members and 37 guests present, with the following 2 people requesting membership :

|              |                      |
|--------------|----------------------|
| Joe Foldi    | Consultant           |
| Devki Sharma | Consultant / Entergy |

The addition of the 2 new members brings the Working Group membership to 69.

Following introductions, the minutes of the March 20, 2006 Costa Mesa meeting were approved as submitted. Working group members were then asked about any applicable patents pertaining to our work. No patents were disclosed by anyone.

The chairman reported that C57.12.00/D3 has been successfully balloted and is ready for publication.

Old Business:

**WG Item 70** clause 6.5.1 Tank Pressure Requirements. The request was to change the language in this section and delete the reference to the ASME Boiler Code. This proposal was discussed at the last meeting and there was not much support in the WG to make a change. The chairman has contacted the balloter and discussed the matter further with him, and he does not object to the position of the WG. No changes will be made to this section.

**WG Item 79** Clause 5.7.1 Polarity of Single-Phase Transformers. The balloter questioned whether the “200 kVA” limit was in error, since this is not a standard rating. The chairman requested a survey of the Distribution Transformers committee to obtain their input, and the feedback indicated the standard has been this way since at least 1968 and there is no interest in changing it now. The issue has been discussed with the balloter and he has no objections to the findings of the WG. No changes will be made to this section.

During this discussion, a question about whether the polarity requirements apply to tertiary windings was raised by Don Platts. He made a suggestion about adding tertiary windings to the standard, and will send a proposed clarification to be discussed in a future meeting.

New Business:

The chairman introduced a new C57.12.00 Table 21 (Routine, design, and other tests for liquid-immersed transformers) that incorporates 8 changes already agreed to by this WG dating back to April 2002. The most obvious change is the addition of another set of columns specifically for Class II Power Transformers, with the intent of clarifying the test requirements for all transformers while reducing the number of table notes. The most significant change in test requirements is to make load loss testing a routine test for distribution transformers. Much of the meeting time was devoted to carefully looking through each test and determining if the requirements for each category were correct. Several additions and revisions were identified, and it was suggested that perhaps the table would be better if restructured strictly along the lines of Distribution, Class I Power, and Class II Power. The chairman agreed to do this, and will send the new table to the WG members for their review and feedback prior to the next meeting.

Since the meeting time expired, the discussion will continue at the next meeting.

Meeting adjourned at 3:00 PM.

Respectfully submitted,

Steven L. Snyder  
Working Group Chair, C57.12.00 Continuous Revisions

John Crouse  
Acting Secretary