

Minutes C37.74

Monday, May 4, 2009

Steve Meiners, WG chair, opened the meeting at 8:01

The members and guests introduced themselves, and the roster was circulated.

The WG chair presented the IEEE patent slides and guidelines.

The minutes from the fall meeting were reviewed. Moved to be accepted by Chuck Ball and seconded by Ray Capra.

Steve has modified the PAR to eliminate the harmonization piece. The update will be a general update and corrections. Steve has done a preliminary update of the standard using the previous format.

Update 1291 to C37.301.

Definitions – will adopt the alternate wording from Dave Stone. Added dagger statement. Will remove date references in document. Check with Matt on the date and need date both in body as well as normative references.

Altitude correction factor will refer to C-37.100.1, remove Annex B.

Table 1 – heading revised to avoid duplication of text.

Allowable temperature rise (Table 5) There was a discrepancy between the allowable rise of the insulation and the rise of the contact materials. Also discussion comparing this table and the table C- 100.1. Jim Swank said that his main conflict was between table and footnote.

Steve moved that we move forward as is on this PAR, then deal with harmonization with 100.1 later. There will be a new PAR to harmonize.

Section 6 back to original format. Test methods restored.

Table 7 – Test sequence 3 – mechanical operations of grounding switches. Agreed to remove “X” from line 3 (conflicts with procedure).

6.7.1 – remove reference to errors in 1247.

Single phase devices, line 10 & 11 duplicates of 4 & 7. Remove lines 10 & 11 (figure 2, p 61).

Figure 3 – note 2. Scott will review and provide proposal.

Removed additional comments on errors in 1247.

CSA standard added (31 M 89).

7 – Routine tests → Production tests (routine tests). Change text back to production tests.

9.1 – Grounding of Switchgear - “short-time” current (for 1 s). Also strike the “with metal housing” provision. Will restore the previous statement (struck) regarding the ½ inch 13 UNC threaded hole.

9.9 – Discussion of construction and paint requirements. Ed will look at additional requirements, based on transformer standards.

9.10 – Editorial change. Also pad mount equipment “security.” Moved reference to C57.12.28 to section 4.1.

Matt told us that when specific clause references to other standards are made, the date of that other standard should be listed both in references and in the body of document. Steve will make needed revisions to draft document.

Tim suggested that the enclosure construction standards be broken up. Ed and Tim will work together on this, based on C37-60 and C57.

9.11 Nameplates – Removed “rating”. Second sentence revise to “nameplate and attachment” – Steve will work on final wording.

Annex A to remain as is.

Annex B to be removed.

Out to ballot in June / July.

Information needed back by the end of May for all noted above revisions.

Additional comments from Scott.

6.6.3 – Add Clauses “6.7, 6.8 and 6.9” and “The largest fuse with highest peak let through current shall be used”. Scott will provide revisions based on discussion.

6.7.4.6.2 – Revise reference to 6.7.4.3

6.7.8.1 – Revise figure 4 to figure 2.

6.7.5.4 – Source impedance X/R ratio . Scot will work on wording.

6.7.5.7 – Unloaded transformer switching current test. Not required by IEC or C37-60. and many labs don't have transformers. Scott will send proposed wording from 1247.

6.7.5.4 – Table A – note 1 – Scott will make proposal.

Meeting was adjourned at 9:47.

Attendance information:

26 in attendance

15 members (23 membership roster, 65% attendance)

11 guests