

Minutes C37.74 WG, Las Vegas, Fall 2010

Monday, Sept 28, 2010

Steve Meiners, WG chair, opened the meeting at 8:05am.

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 spring meeting were reviewed.

Initiate ballot has been sent to IEEE swgr and closed with 79 respondents. Mandatory Editorial document submission was also completed. The editorial review should take 2 weeks or more to close. A clean copy of Draft 5 has been submitted for editorial review.

From last meeting in April we had a proposal from Scott Reed to revise wording of Notes 1 & 2 in Figure 3 and clause 6.7.4.2. Notes are informative and need to be moved to text of document. Below is the revised wording added to Draft 5.

All metallic parts of the enclosure and mountings shall be grounded for peak withstand current and short-time testing. For fault-closing test, the enclosure and mountings shall be insulated from ground, but connected to ground with a suitable device to indicate any significant current flow to ground. Use of a 3A fuse is suitable to detect significant current flow to ground.

For fault-closing test the load or source shall be grounded, but not both.

The above wording was reviewed and was found accepted to the WG. The above differs from 1247 where a #38 wire is used and here we replaced with 3A fuse, which is more consistent with Lab and past practices.

Table 8 recommendations to revise notes 2 adding a note 3, which text was in 2.

Note 2 revise to **Tests shall consist of a close operation followed by an open operation. It is not a requirement that the test circuit remain energized between operations.**

Note 3 added text same as it was for note 2. Mechanical operations are those specified following short-circuit and thermal runaway tests in Table 7 and are in addition to the mechanical operations tests specified in 6.7.10.1.

Question was raised by Craig Befus to add information as to internal arc fault testing for this equipment. Discussion resulted on this topic and the decision by WG is to adopt the wording in C37.60 clause 8 on this topic. This wording will be included into Draft 5 before circulation to WG.

Chuck Ball raised a suggestion that WG petition for C37.20.7 to include testing for 74 products. This was discussed and WG decision was to not petition this "formally".

In next couple days a Draft 5 copy will be e-mailed to WG for review by Steve. Request that each member once receiving the draft to send back a confirmation of receipt. Need your comments back no later than end of October so we are ready to ballot in next couple months.

Motion by Dave Stone to adjourn, second by Frank DeCesaro.
Meeting was adjourned.

Attendance 16 members (1 excused) and 13 guests.