

C37.74 Working Group Meeting Minutes

July 26th 2024, 10:00 M – 11:30 AM VIRTUAL



Chair: Kennedy Darko

Secretary: Frank DeCesaro (filling in)

Meeting Agenda

1. Call to Order at 10:03

2. Call for Patents and Copyrights.

- [Patent Slides](#)

No issues presented by members.

- [Copyright Slides](#)

No issues presented by members.

3. Introduction of Members and Guests

Through chat feature in MS Teams

4. Attendance and quorum check

Quorum achieved (12 of 21 members present at the start)

5. Approval of agenda

The agenda was presented. There were no additions or changes suggested. Caryn Riley moved to accept the agenda, and Joseph Stemmerich seconded. Agenda was approved.

6. Action Items

- Ballot comment resolution
 - Comment resolution spreadsheet was present. The chair asked if anyone had comments on those. If not, they will be accepted as sent to the committee.
 - -I-94, Clause 3.3, line 435. In figure 1, there is a "vacuum switched way with visible break (Group Operated)" This implies that the switched way and the visible break are group operated together. I don't believe this is always the case. The Switched Way is group operated, and the visible break is group operated, but it is possible that the two are not "group operated" together. Suggest changing the wording to show the two items are individually group-operated.

set by the manufacturer before conducting the thermal runaway test.

- It is proposed to accept the proposal as revised for now and add that the manufacturer shall declare a maximum temperature for this test. No comments against this.
- I-562, Line 1472, Clause 7.8.3 Contacts shall be closed for this test to ensure all parts of ground shielding are stressed
 - This is accepted. No one objected.
- I-508, Line 1576, missing condition after test?, like hi-pot, Gas ensities or pressures, if applicable, contact resistance etc.
 - Proposing 80% power frequency check, contact resistance check, and speed check. C37.62 requires speed. Do we want to require a speed check?
 - One crucial part is the microswitch inside the device. This is usually a low-cost item, and it could fail. It is a significant issue for transfer switches.
 - Would this be captured under item i) “other important characteristics or settings as specified by the manufacturer?”
 - It could be captured by saying auxiliary contacts.
 - So, it appears power frequency, contact resistance, speeds, and function of all auxiliary contacts.
 - IF we agree, there will be a second phase of setting values for contact resistance. Go to what is in C37.60 and C37.62 that uses 20% before thermal runaway. We can copy similar language over.
 - A question was raised about what to do about speed. Can you always measure speed since some equipment may not be able to measure speed?
 - So can we say closing time and opening time? No one objects.
- I- 532 through I534 , lines These are related to the table of tolerances.
 - Harm Bannink is updating the table. The final version will be coming. The table was obtained from C37.62, and some items do not apply.
 - What has been verified is the tolerances called out in the table are in line with what is in the body of the standard.

- I2t is mentioned in the table but not in the text. We need to add it to the body of the main text By placing (I2t) in the middle of the sentence at the end of 7.7.4.5 main body.
- Permission to proceed to general ballot #2
 - Once we make the changes discussed in this meeting to the standard, we will go to ballot #2 to allow time to make some resolutions before our October fall meeting.
 - Moved by Ian Rokser, authorizing the chair to proceed with a recirculation ballot.
 - Seconded by Harm Bannink
 - No comments on the motion.
 - Unanimous approval of the motion.

7. Any other business

8. Next in-person meeting

- October, 2024

9. Adjournment

- Moved by Ian to adjourn.