

# C37.74 Working Group Meeting Minutes

May 13<sup>th</sup> 2024, 10:00 M – 11:30 AM VIRTUAL



**Chair:** Kennedy Darko

**Secretary:** Frank DeCesaro (filling in)

## Meeting Agenda

1. Call to Order
2. Call for Patents and Copyrights.
  - i. [Patent Slides](#)  
*No issues presented by members.*
  - ii. [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 (16 of 19 members present)*
5. Approval of agenda  
*Agenda was presented. There were no additions or changes suggested*
6. Action Items
  - Continuation of Ballot comment resolution (attached spreadsheet)
7. Any other business
8. Next in person meeting
  - Virtual
9. Adjournment

- *The chair explained that an editorial comment group worked on the comments. This group stated that some editorial comments should be listed as technical for this group to discuss. The comments have been incorporated into a “clean” document” draft, which should be ready to send to the WG late this week.*
- *I-427, Line 459, wrong word "should"; replace with "shall". "Should" indicates a recommendation but not required. "Shall" indicates a requirement. Replace should with shall.*
  - *It was agreed to make this a shall.*
- *I-428, Line 460, wrong word "should"; replace with "shall". "Should" indicates a recommendation but not required. "Shall" indicates a requirement. Replace should with shall.*
  - *It was agreed to make this a shall.*
- *I-387, Line 483, Why is 5.9 not referenced in the list of ratings/subclause?*
  - *Comment is rejected because the dc is not a rating but a capability.*
  - *We will not add the dc to the ratings. We will keep the heading sections 5 and 5.2 as is and renumber clause 5.9 up to 5.3.*
- *I-437, Line 564, in notes g, h, and j, wrong word "should", replace with "shall". Requirements are stated with "shall". Recommendations that are not requirements are stated with "should". replace "should" with "shall" (3 places, notes g, h, and j.)*
  - *Revised*
  - *It was noted that Notes g, h, and j are on Table 5, not Table 4.*
  - *These guide the manufacturer on how to rate their gear and review the test results.*
  - *It was decided to change footnote g to a shall. Leave h and j as a should. Clause 9 of the style manual allows for should within the type of use.*
- *I-688, Line 590, Need to add" (except air)" to the sentence to remain consistent with section 6.3 line 585. Change to "Where liquid or gas (except air) is used as the insulating medium, provision shall be made to replace the insulating medium with the unit de-energized.*
  - *Comment rejected because “air” is a form of a gas.*
- *I-708, Line 604, add imperial units in whole document.*
  - *Joseph Stemmerich will go through the document and provide a recommendation.*
- *I-176, Line 702, Units must be provided. For example, change from 101.60 (4.00) to 101.60 mm (4.00 in).*
  - *Joseph Stemmerich will go through the document and provide a recommendation*
- *I-176, Line 702, Line 702: Units must be provided. For example, change from 101.60 (4.00) to 101.60 mm (4.00 in).*
  - *Joseph Stemmerich will go through the document and provide a recommendation.*

- I-68, Line 765, *It is not a requirement that these tests be performed on the same unit nor is it required that they be performed in the sequence shown. Test sequence 3 (3a and 3b) shall be performed in the order shown and on the same it. The last sentence contradicts the first sentence. Combine the sentences to say "It is not a requirement that these tests be performed on the same unit nor is it required that they be performed in the sequence shown except for test sequence 3 (3a and 3b) which shall be performed in the order shown and on the same it.*
  - *Comment is accepted.*
  
- I-709, Line 788, *these six test or should be eight per Table 7*
  - *Comment is rejected because this does not refer to Table 7. It is for the fuse holder, which is in C37.41.*
  
- I-481, Line 833, .... *But prior to fault making current test, table 7 is mentioning Y for peak current sequence test. So this should be test no. 4. change but prior to "the fault-making current test" to "the peak withstand current test No. 4*
  - *Revised*
  - *Put a comma on line 831 after way.*
  - *"Delete the "depending on test facilities, but prior to the fault-making current test ((test sequence 5).*
  - *remove the "(from Table 7)".*
  - *The changes were shown to the group on screen and are ok.*
  
- I-442, Line 987, *wrong word "shall"; replace with "may". "Shall" indicates requirements, "may" indicates "allowable, but not required". It is allowable to limit the amount of testing but it is not required to limit the amount of testing. A manufacturer may test more combinations if they so desire or they may choose to limit the amount of testing. It is allowable to do additional testing. replace "shall" with "may".*
  - *Comment accepted. Shall be changed to May.*
  
- I-614, Line 1010, *There is a grammatical problem with this sentence and it's not clear what it is trying to say. Is it saying that if you reach the limit and haven't stabilized, you need to keep testing? What is the purpose of this? Clarify this sentence. Also, correct the grammar: Should it say "If the temperature rise . . . Is equal" or "If the temperature rises . . . are equal"?*
  - *The grammar was resolved through the editorial group by changing "rises" to "rise".*
  - *The chair will investigate this and see what C37.100.1 and other documents say and advise.,*
  
- I-377, Line 1062, *consistency of terminology. change "tests" to "current surges"*
  - *The chair will send the markup copy to the Editorial group and implement it in comment resolution.*
  
- I-380, Line 1079, *a) indicates that the tests are to be performed three-phase. Remove "For three-phase tests,".*
  - *The chair will send the markup copy to the Editorial group and implement it in comment resolution.*

- I-616, Line 1080, Clarify wording. "from the average of the currents in all three phases.
  - The chair will send the markup copy to the Editorial group and implement it in comment resolution.
  
- I-621, Line 1210, "with the test voltage at the phase-to-neutral voltage corresponding . . ." - Unclear wording. "with the phase-to-neutral voltage corresponding .
  - Revised by removing "with the test voltage at the phase to neutral voltage"

**End of session**

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