

# C37.74 Working Group Meeting Minutes

May 16<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 (17 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

- I-621, Line 1210, "with the test voltage at the phase-to-neutral voltage corresponding . . ." - Unclear wording

- Revised: Was reviewed in the last meeting. More discussion was held between meetings.

*It is recommended that the sentence be changed to say, "Tests on single-phase switches shall be made on a single-phase circuit at the rated maximum voltage of the switch."*

*Discussion was held on whether we should use phase to neutral or phase to ground. We decided to drop the (phase to neutral) part.*

- I-453, Line 1355, lines 1355 and 1356: state requirements with "shall". "should" indicates recommendations, not requirements. These are requirements if good test results are to be obtained.

- Rejected because it is a recommendation, not a requirement.

- I-466, Line 1637, "must" is deprecated. State requirements with "shall", state recommendations with "should". In this case, measurable leakage current might indicate field emission from cathode spots if leakage current occurs in only one polarity. So if leakage current is detected, test with the opposite polarity should be performed. But it is not necessary to test both polarities if no measurable leakage is detected on the first test. So in this case, "should" is the proper term. If this standard is requiring tests in both polarities regardless of detection of leakage current on the first test, then "shall" is the proper term. Replace "must" with "should"

- Revised. We will use "shall".

- I-541, Line , Create four separate ratings and remove reference to 'short-circuit withstand current'. The four ratings are for interrupting current, peak withstand current, short-time withstand current, and fault making current.

*Create four separate ratings and remove reference to 'short-circuit withstand current'. The four ratings are for interrupting current, peak withstand current, short-time withstand current, and fault making current.*

- Revised. Clause 5.7 will become rated short circuit current.

*Table 6 test 3 will become short circuit current (withstand) tests.*

*Clause 7.7.4 is the general subclause that describes all three of the rated short-circuit current tests. The title should be changed to short-circuit current tests.*

*We need to review the entire document and ensure there is consistency in the rating and the withstand test language.*

- I-543, Line, The fault making test is missing in Table 6 and should be listed as test 3c. Also, the line with test no. 3 is redundant and can be taken out.no. 3 is redundant and can be taken out.
  - Rejected. Because Table 6 is for DSG as an entity and fault making test is not part of it..
- I-544, Line, The short time withstand current test is missing in Table 7 and should be listed after the peak withstand test.
  - Reject: Table 7 lays out the test sequence to be completed on individual way. Short time test is not part of the sequence and can be completed on a separate switch.

*Kennedy and Karla will look into a possible change to table 7 that can allow the inclusion of short time test.*

***End of session***

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