

C37.74 Working Group Meeting Minutes

March 7th, 2023 10:00 AM – Virtual.

Chair: Kennedy Darko

Secretary: Travis Johnson
Minutes taken by K. Trost

Meeting Agenda

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| 1. | Call to Order
The meeting was called to order at 10:02AM CST. | K Darko |
| 2. | Call for Patents
The Patent and Copyright slides were provided with the agenda.
No patent or copyright items were brought to the chair’s attention. | K. Darko |
| 3. | Introduction of Members and Guests
Introductions were entered into the meeting chat. | K Darko |
| 4. | Attendance and quorum check
13 members (of 18) and 3 guests were present at the meeting.
Quorum was achieved. | K. Trost |
| 5. | Approval of Agenda
F. DeCesaro - Motion to approve the agenda.
C. Riley - Second.
Agenda was approved by consensus. | K. Darko |
| 6. | Approval of Previous meeting minutes
K. Trost - Motion to approve the Minutes of February 10, 2023 with the addition of Kelsey as a guest.
F. DeCesaro - Second.
Minutes were approved by consensus. | K. Darko |
| 7. | Action Items
Editorial and Technical proposals / reviews draft D1.3

1) Sub-clause 7.4.3/ Line 725: Proposal to remove the statement “The means of showing ability to carry rated current is optional” and clarify what items are part of the test sequence and what items are condition checking.
a) Discussion that the paragraph should be updated to be clear that there are multiple methods to show the ability to carry rated current.
b) Suggestion to update Test Sequence 7 in Table 7 to “Current carrying validation” instead of “Thermal runaway test”.
c) Proposal to split Table 7 into a and b and move “6, 7, and 8” into Table 7b. This was set aside for future discussion. | K. Darko |

- d) **Proposal: Replace the list (a, b, c) with “fulfils the requirements of test sequences 6, 7, and 8 of Table 7.”**
 - i) **Related proposal to update 6.4.2 to call out “The test sequence (No. 1 through 5) shall be as shown in Table 7.” to assist with the clarification.**
 - ii) **There were none opposed, 11 approved. The proposals passed.**
- e) Proposal: "The ability of the DUT to carry rated continuous current shall be demonstrated. The means of demonstration is optional. For example, ability may be demonstrated by means of a DC resistance test, comparing the results to the resistance measurements taken at the beginning of the test sequence. It is not necessary to repeat the thermal runaway test."
 - i) D. Martin proposed an option to delete the paragraph completely and rename Test Sequence 7 and rename the Thermal Runaway subclause to “Current carrying validation”.
 - (1) Discussion:
 - (a) For clarity – change “The thermal runaway test” to “The temperature rise test”
 - (b) Suggestion to Split 6.7.6 into 6.7.6.1 (Circuit resistance) and 6.7.6.2 (Thermal Runaway)
 - (2) Proposal to use “Verification of ability to carry rated current”
 - ii) None were opposed to the plan. 9 agreed, 1 abstention. Proposal passed.
 - iii) **K. Trost to incorporate these changes into the draft for the working group to review.**
- 2) Proposal to remove the mechanical operation test from Table 8, and the note which follows Table 8, and put the number of operations into 6.7.10.2.
 - a) It was noted that Table 8 which provided the test duties does not list all of the required duties and does not correlate to Table 7. Table 8 could be improved by adding in the other mechanical operation and the row numbers from Table 7.
 - b) The Working Group needs to determine what needs to be included in Table 8 and where it should be in the document.
 - c) **H. Bannink volunteered to draft a proposal.**

7. **Next Meeting:** 03/17/2023 Virtual

8. **Adjournment**

The meeting was adjourned at 11:30AM CST.

Attendees:

Role	First Name	Last Name	Company Name	Virtual 03/07/2023
Member	Edwin	Almeida	Southern California Edison	X
Member	Harm	Bannink	G&W	X
Member	David	Beseda	S&C Electric Co.	X
Chair	Kennedy	Darko	G&W Electric Co	X
Member	Frank	DeCesaro	DeCesaro Consulting Services, LLC	X
Member	Jeffrey	Gieger	ABB/Elastimold	X
Member	Harold	Hirz	G&W	
Member	Rahul	Jain	S&C Electric Company	
Secretary	Travis	Johnson	Xcel Energy	
Member	Donald	Martin	G&W Electric Co.	X
Member	Stephen	Pell	Siemens	
Member	Caryn	Riley	Georgia Tech/NEETRAC	X
Member	Grant	Ringham	BC Hydro	
Member	Ian	Rokser	Eaton Corp	X
Member	Victor	Savulyak		X
Member	Francois	Soulard	Hydro-Quebec	X
Member	Joseph	Stemmerich	Trayer Engineering Corporation	X
Member	Karla	Trost	G&W Electric	X

Guests:

Jonathan Neujahr, Eaton

Kelsey Bush, ABB/Elastimold

John Kapitula, ABB