

RODE C37.75 Switchgear Enclosure Integrity Working Group Meeting Minutes – Rev 0

March 15, 2023 – Virtual

Chair: Anil Dhawan

Secretary: Karla Trost

Meeting Agenda

1) Call to Order

Anil Dhawan

The meeting was called to order at 1:05 PM CDT.

2) Patent and Copyright Slides

Anil Dhawan

The patent and copyright slides were shown. No items were brought to the chair's attention.

3) Introduction of Members and Guests

Participants introduced themselves in the chat.

4) Attendance and Quorum Check

Karla Trost

17 Members – 9 Required for Quorum.

12 members were in attendance. Quorum was achieved.

5) Approval of Agenda

Anil Dhawan

Motion to approve Rev 1 agenda by K. Cummings; second by C. Riley.

Agenda was approved by consensus.

6) Approval of Previous meeting minutes

Anil Dhawan



2022December12VirtualWG3775_Minutes

Motion by P. Found to approve the minutes; second by E. Almeida.

Minutes were approved by consensus.

7) New Items:

a) Results of recirculation ballot

Karla Trost

85% return rate, 94% approval

19 total comments

b) Review and approval of comment resolutions.

Karla Trost

- 2 Comments were comment only and did not require resolution.
- 1 Comment was updated in the draft during the ballot by SA.

- 9 comments were editorial. Proposal on acceptance/ implementation was provided to the WG with the agenda prior to the meeting.
 - No concerns were noted.
 - Motion by K. Cummings; second by C. Riley. Proposal was accepted by consensus.
- Comment R1-17 (5.3.2)
 - Resolution proposal was provided prior to the meeting.
 - No concerns were noted.
 - Motion by I. Rokser; second by T. Johnson. Proposal was accepted by consensus.
- Comment R1-16 (3: control enclosure definition)
 - Discussion on the fact that this was added during the revision after Ballot 1.
 - Potential to add a requirement for the drawing/ BOM to the general subclause of the design tests.
 - Decision made to incorporate items from C37.100.1

The results of all design tests shall be recorded in reports containing sufficient data to prove compliance with the ratings and the test clauses of this standard and sufficient information shall be included so that the essential parts of the enclosure can be identified. In particular, the following information shall be included:

- Manufacturer and location of manufacturer
 - Type designation and serial number of switchgear enclosure tested
 - Rated characteristics of switchgear enclosure tested as specified in the relevant standard
 - Photographs to illustrate the condition of switchgear enclosure before and after test
 - Sufficient outline drawings and data schedules to represent the switchgear enclosure tested
 - Reference numbers of all drawings submitted to identify the essential parts of the switchgear enclosure tested
 - Details of the testing arrangements
 - Statements of the behavior of the enclosure during tests, and its condition after tests
 - Records of the test quantities during each test or test duty, as specified in the relevant standard
 - Dates the tests were conducted
 - Location and company name where the tests were conducted
 - Name of person responsible for conducting the tests
- **Comment will be marked as “Revised” with the inclusion of the information above in 6.4.1.**
- Comment R1-12 (5.6.6)
 - Proposal to reject comment with reasoning was provided prior to the meeting.
 - Discussion was held on if the working group is acceptable of both bulb types to the irradiance level of the FS-40 bulb (yes, the working group is acceptable.)
 - A proposal was made to revise 5.6.6 to be modified:

Ultraviolet accelerated weathering test

The ultraviolet accelerated weathering testing of C57.12.28 is applicable with the following modification:

A UVB-313EL lamp with an irradiance control system or a FS-40 lamp may be used as the light source.

- **Decision was made to proceed with this modification.**

- Comments R1-2, R1-19, R1-6 (5.6.13 Editorial)
 - Resolution proposal was provided prior to the meeting.
 - No concerns were noted.
 - Proposal was accepted by consensus.
- Comments R1-18, R1-14 (5.6.13 Technical)
 - Discussion on comment and commenter suggestions:
 - One lab noted that an exception could be made in agreement with the customer to run this as 5 and 2 not weekdays and weekends. A ramp rate would be beneficial but is probably not critical.
 - The members are not aware of any issues from a historical standpoint.
 - I. Rokser made a motion to reject the 2 comments; D. Beseda second.
 - Reason: The WG considers the test doable, no historical issue.
 - **None against, 1 abstention, 10 approve; Motion passed**

- c) Approval of working group for recirculation ballot (requires 2/3 approval.) **Anil Dhawan**
- i) D. Beseda made a motion to proceed to the recirculation ballot.
- ii) J. Stemmerich second
- iii) **9 approvals, 1 abstention, none against; Motion passed**

8) Next Meeting – TBD after recirculation ballot

9) Adjournment

- a) Adjourned at 2:15PM CDT.

Annex 1: Attendance

Role	First Name	Last Name	Company	3/15/2023
Chair	Anil	Dhawan	Allegis Group	X
Member	Edwin	Almeida	Southern California Edison	X
Member	Chris	Ambrose	Federal Pacific (Div. of Electro-Mechanical Corp.)	
Member	David	Beseda	S&C Electric Co.	X
Member	Katherine	Cummings	G&W Electric	X
Member	Mark	Feltis	Schweitzer Engineering Laboratories, Inc	X
Member	Paul	Found	BC Hydro	X
Member	Travis	Johnson	Xcel Energy	X
Member	Brendan	Kirkpatrick	Southern California Edison	
Member	Robert	Lau	nVent Hoffman	
Member	Benson	Lo	Toronto Hydro	X
Member	Al	Pruitt	The Durham Company	
Member	Caryn	Riley	Georgia Tech/NEETRAC	X
Member	Ian	Rokser	Eaton	X
Member	Joe	Stemmerich	Trayer Engineering	X
Member	Francois	Soulard	Hydro-Quebec	
Secretary	Karla	Trost	G&W Electric	X