

IEEE C37.20.7, Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults

Meeting Minutes

Meeting Date: 13 April 2022
Meeting Time: Session #1: 8:00 AM – 9:45 AM
Session #2: 10:15 A PM – Noon
Location: Hilton Bonnet Creek, Orlando, FL

A. Call to order

The meeting of the IEEE C37.20.7 Working Group was called to order at 8:00am am by Dan Hrcir.

B. Approval of agenda

The proposed meeting agenda was reviewed. Motion to approve the agenda was made by Mike Lafond and seconded by Michael Wactor. The proposed meeting agenda was approved by unanimous consent.

C. Introductions/Attendance

Introductions were made of all attendees. Attendees are listed below. Quorum was confirmed with 26 of 53 members present and a total of 54 attendees.

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Company</u>
Guest	Koustubh	Ashtekar	IST Power Equipment
Guest	Harm	Banninh	GEW
Member	Paul	Barnhart	Underwriters Laboratories
Guest	Julienne	Britt	Hubbell Power Systems
Guest	Robert	Burns	Eaton
Member	Ted	Burse	Powell Industries, Inc
Member	Matthew	Claxton	Powell Industries
Member	Robert (Bob)	Cohn	Powercon Corp.
Guest	Fiori	Coziuc	S&C
Member	Randall	Creach	AZZ Switchgear Systems
Guest	Stacey	Davies	Siemens
Guest	Erik	Doroz	Eaton
Member	Sergio	Flores	Schneider Electric Inc. USA
Member	Christopher	French	Eaton Corporation
Guest	Paul	Gingrich	AZZ Switchgear Systems
Member	Sahadev	Gohil	AZZ Switchgear Systems
Member	Lou	Grahor	Eaton Corporation
Guest	Erin	Hardy	Eaton
Member	Ronald	Hartzel	Eaton Corporation
Member	Tom	Hawkins	Siemens Industry, Inc.
Member	Jared	Hines	Eaton Corp.
Member	Jason	Hollander	CHA Consulting, Inc.

IEEE C37.20.7, Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults

Meeting Minutes

Role	First Name	Last Name	Company
Chair	Dan	Hrncir	Eaton
Member	Michael	Lafond	ABB
Guest	Dakota	Leopard	Eaton
Guest	Kevin	McGlown	JST Power Equipment
Guest	Ken	McKinney	UL
Member	Darryl	Moser	ABB
Guest	Anthony	Natale	HICO
Member	Terry	Neighbours	ABB Inc.
Guest	Mike	Oroz	CBT&S Consultant
Guest	Sumitabha	Pal	Schneider Electric
Member	Owen	Parks	ABB
Guest	Chirag	Patel	Powell
Guest	Rakesh	Ranjan	Esgee Technologies
Guest	Bobby	Rich	Dominion Energy
Member	Jeffery	Ricker	SCHNEIDER ELECTRIC
Member	Mark	Roberson	AZZ/Calvert
Guest	Tim	Rohrer	Exiscan
Guest	Oscar	Salas	Duke Energy
Member	Leonel	Santos	Schneider Electric
Member	Todd	Sauve	Rockwell Automation
Guest	Victor	Savulyak	DNV GL KEMA Laboratory
Guest	Carl	Schneider	Schneider
Guest	Matthew	Siena	Duke Energy
Member	Garett	Sims	Eaton Corp.
Secretary	Paul	Sullivan	DuPont
Member	Donald	Swing	Powell Industries
Guest	Truett	Thompson	Siemens
Guest	Michael	Wactor	Powell Industries, Inc
Guest	Jacob	Walgenbach	Siemens
Guest	Jonathan	Wear	JST Power Equipment
Guest	Eddie	Wilkie	Eaton
Member	Terry	Woodyard	Siemens Industry Inc.

D. Approval of February 2022 Meeting Minutes

Draft 0 of the February 24, 2022 IEEE C37.20.7 Working Group meeting were reviewed. Motion to approve the minutes was made by Mike Lafond and seconded by Michael Wactor. The meeting minutes were approved by unanimous consent.

Meeting Minutes

E. Rules and guidelines for conducting working group meetings

The IEEE Patent Policy and Business Conduct Policy were presented by the Chair and reviewed by the attendees. The information is available at the following website:

<https://mentor.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

A call for patents was made by the Chair. No declarations were made known during the meeting.

The IEEE SA Copyright Policy was presented by the Chair and reviewed by the attendees. The information is available at the following website:

<https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7>

F. Old business

- Discussions were held on the draft 3 of the document to address comments previously provided. Draft 4 of the document was created during the meeting.

G. New business

- Work from previously created task groups were part of that review. Recommendations from those task groups was incorporated into the draft 4 of the document. Since the work of those task groups was complete, those task groups were disbanded. Dan thanked each of those groups for their work and the chairs of those groups for leading the groups.
- New Task Group – Labeling for Equipment with Separately Mounted Protection Device
 - Discussion was held concerning what labeling should be required for equipment protected by protective device(s) that are separately mounted for the equipment.
 - A new ad hoc was formed to meet and discuss the issue and provide recommendations for the standard.
 - Chair – Todd Sauve
 - Members – Michael Wactor, Mike Lafond, Tom Hawkins, Paul Barnhart
- New Task Group – Equipment Installed Over Vaults
 - Discussion was held concerning the application of equipment meeting the requirements of C37.20.7 when the equipment is installed over a vault that may be accessible to personnel.
 - A new ad hoc was formed to meet and discuss the issue and provide recommendations for the standard.
 - Chair – Garrett Sims
 - Members – Michael Wactor, Sergio Flores, Terry Woodyard, Chris French, Henning Milnikel
- New Task Group – “Low Voltage” Compartment
 - Discussion was held concerning the concept of a “low voltage” compartment as it applies to the accessibility suffix B in definition in C.2.2. How does this apply to equipment rated 1000 Volts or less when all of the equipment is considered low voltage? Should a “control compartment” be defined instead of a low voltage compartment? What are the labeling requirements for this

Meeting Minutes

- compartment? How does this definition address connection to the primary bus with and without protection of that connection outside the compartment?
- A new ad hoc was formed to meet and discuss the issue and provide recommendations for the standard.
 - Chair – Ted Burse
 - Members – Michael Wactor, Tom Hawkins, Mike Lafond, Paul Sullivan, Dave Gohil

ACTION: Each task group is requested to have a full proposal to Dan Hrcir by the end of June 2022.

H. Adjourn

The meeting was adjourned at approximately noon.

*Minutes submitted by:
Paul Sullivan
Secretary
May 16, 2022*