

IEEE Power Engineering Society  
 Switchgear Committee  
 C37.20.2 Working Group Report  
 08-May-2006 (Corrected 20-May-2006)

The working group met for the first time, on Monday, May 8, at 1:35PM.

Attendance included 19 WG members and 7 guests. Attendance is as shown below:

Members	Members	Members	Guests
P. Barnhart (P)	R. Hartzel (P)	M Orosz (P)	A. Dixon (P)
E. Byron (P)	T. Hood (P)	R. Puckett (E)	H. Josten (P)
V. Coletta (P)	F. Mayle (P)	C. Schneider (P)	C. Lam (P)
R. Cabbage (P)	T. McNamara (P)	J. Smith (P)	A. Livshitz (P)
P. Dwyer (P)	D. Mazumdar (P)	A. Storms (P)	W. McKay (P)
L. Farr (A)	A. Morgan (P)	C. Taylor (P)	A. Pellerito (P)
D. Gohil (P)	T. Olsen (P)	M. Wactor (P)	J. Wiseman (P)

P = present, E = excused, A = absent

IEEE-SA rules on Patents were reviewed prior to further discussions.

C37.20.2 was most recently revised and approved in 2002. A revision effort is needed now, to reflect changes necessary to coordinate with the ongoing changes in related documents, including C37.100.1, C37.04, C37.09, and others.

L. Farr has provided a draft of a restructured document, renumbered to reflect the numbering scheme of C37.100.1. This has been distributed previously for comment.

Other known topics raised for discussion since the 1999 revision include:

- "controlgear" proposal
- Grounding proposal
- Revisions to CT requirements
- Paint finish requirements

In addition, a list of topics to review was provided by D. Mazumdar, which will be considered in this revision effort.

The title of the document must be changed to add a voltage range. The scope of the document was reviewed. Minor changes will be needed to recognize a revised title. A PAR will be submitted for approval.

The entire document must be reviewed. Responsibility for reviewing specific clauses was assigned as follows. All interested parties are invited to submit comments or suggestions for any clauses, not restricted by the responsibilities shown below:

Clause	Subject	Responsible
1	General	M. Wactor
2	References	M. Wactor
3	Definitions	C. Schneider A. Storms
4	Ratings	T. Olsen
5.3	Grounding	M. Wactor
5.4	Control and secondary circuits	C. Taylor D. Edwards
5.10	Markings	T. Olsen
5.11 -5.19	Interlocks to X-Ray	T. Olsen
5.101-5.109	Internal fault to test cabinet	J. Smith

Clause	Subject	Responsible
5.102.3.1	Barriers	D. Mazumdar
6.2-6.2.101	Dielectric	M. Wactor
6.3-6.5	Temperature rise	T. Olsen
6.6	Short-circuit	T. Hood
6.7-6.9	Degree of protection to EMC	A. Storms
6.100	Auxiliary	T. Olsen M. Wactor
6.101	Mechanical endurance	P. Dwyer
6.102	Flame-resistance and track resistance	M. Orosz
6.103	Flame resistant tests for applied insulation	J. Smith
6.104	Coating test	M. Orosz
6.105	Rain test	D. Gohil
7	Production tests	C. Schneider
8.1	Unusual service conditions	D. Gohil
8.1.4.6	Seismic	R. Hartzel
8.2-8.3	System voltage and insulation	M. Wactor
8.4	Current	A. Storms
8.5 – 8.8	Short-circuit to protection and isolation	T. Olsen
10	Installation	A. Morgan
A	Enclosure	P. Barnhart
B	Bibliography	T. Olsen
added	Partial discharge	J. Smith

It is requested that the input on these sections be provided to M. Wactor by August 1, 2006. A consolidated draft of the document, comments, and suggestions will be distributed to those interested prior to the October meeting in Milwaukee.

Report submitted by:

M. Wactor, WG Chair