

IEC Report

CIGRE CAG/SAG/TAG-Meeting

Baden, Switzerland, May 5 - 6, 2010

Hermann Koch
Secretary of SC 17C





Maintenance Team 14 Status Report

IEC 62271-200 (old IEC 60298): AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and incl. 52 kV

Convenor: Gerard Schoonenberg E-mail: gerardschoonenberg@eaton.com

- ▶ 1st Meeting: December 2006
- ▶ 1st CD: November 2007
- ▶ 2nd CD: April 2009
- ▶ CDV: February 2010
- ▶ FDIS: November 2010
- ▶ International Standard: February 2011



Maintenance Team 14, Project Team 1 Status Report

IEC 62271-202 (old IEC 61330):

High voltage/low voltage prefabricated substations

Convenor: Enrique Otegui

E-mail: eom@ormazabal.com

- ▶ International Standard: June 2006
- ▶ Next revision starts: 2010
- ▶ Stability date: 2013



Maintenance Team 14, Project Team 2 Status Report

IEC 62271-201 (old IEC 60466): AC insulation-enclosed switchgear and controlgear for rated voltages of 1 kV and up to and including 38 kV

Convenor: Gerard Schoonenberg

E-mail: gerardschoonenberg@eaton.com

- ▶ International Standard: June 2006
- ▶ Next revision starts: 2010
- ▶ Stability date: 2013



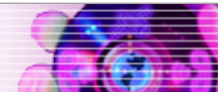
Maintenance Team 16 Status Report

IEC 62271-203 (old IEC 60517): Gas-insulated metal-enclosed switchgear for rated voltages of 72.5 kV and above

Convenor: Olav Knudsen

E-mail: olav.knudsen@ch.abb.com

- ▶ 1st Meeting: March 2007
- ▶ 1st CD: February 2008
- ▶ 2nd CD: June 2009
- ▶ CDV: December 2009
- ▶ FDIS: October 2010
- ▶ International Standard: 2011



Working Group 17 Status Report

IEC 62271-205: Assemblies of high voltage devices

Convenor: Dieter Vondereck

E-mail: dieter.vondereck@areva-td.com

- ▶ International Standard: January 2008
- ▶ Next revision starts: 2011
- ▶ Stability date: 2014
- ▶ WG 17 has been disbanded.



Maintenance Team 18 Status Report

IEC 62271-209 (old IEC 60859): Cable connections for gas-insulated metal-enclosed switchgear for rated voltages of 72,5 kV and above

- **Fluid-filled and extruded insulation cables**
- **Fluid-filled and dry type cable terminations**

Convenor: Dirk Kunze

E-mail: dirk.kunze@siemens.com

- ▶ International Standard: August 2007
- ▶ Next revision starts: 2012
- ▶ Stability date: 2015



Maintenance Team 19 Status Report

IEC 62271-304 (old IEC 60932): Design classes for indoor enclosed switchgear and controlgear from 1 kV and up to and including 52 kV to be used in severe climatic conditions

Convenor: Wilfried Albert

E-mail: wilfried.albert@siemens.com

- ▶ Technical Specification: May 2008
- ▶ Next revision starts: 2013
- ▶ Stability date: 2016



Maintenance Team 22 Status Report

IEC 62271-207 High voltage enclosed switchgear and controlgear - Part 207: Seismic qualification for gas-insulated metal enclosed switchgear for rated voltages above 52 kV

Convenor: Hermann Koch

E-mail: hermann.koch@siemens.com

- ▶ International Standard: August 2007
- ▶ First meeting: February 2010
- ▶ CD: June 2010
- ▶ CDV: April 2011
- ▶ FDIS: December 2011
- ▶ International Standard: June 2012



Working Group 23 Status Report

**IEC 62271-208: High voltage enclosed switchgear and controlgear
- Part 208: Methods to quantify the steady state, low frequency
EMF generated by HV switchgear assemblies and HV/LV
prefabricated substations**

Convenor: Ansgar Müller

E-mail: ansgar.mueller@siemens.com

- ▶ DTR: March 2008
- ▶ Technical Report: October 2009
- ▶ Stability date: 2016



Working Group 24 Status Report

IEC 62271-204, Ed. 1: High voltage enclosed switchgear and controlgear - Part 204: Rigid high-voltage, gas-insulated transmission lines for rated voltages of 72,5 kV and above

Convenor: Dirk Kunze

E-mail: dirk.kunze@siemens.com

- ▶ CD: June 2009
- ▶ CDV: January 2010
- ▶ FDIS: September 2010
- ▶ International Standard: 2011



Working Group 25 Status Report

IEC 62271-204, Ed. 1: High-voltage prefabricated switchgear and controlgear assemblies - Voltage presence indicating systems

Convenor: Gisbert Brüggemann

E-mail: gisbert.brueggemann@de.schneider-electric.com

- ▶ CDV: June 2009
- ▶ FDIS: December 2010
- ▶ International Standard: 2011



Working Group 26 Status Report

IEC 62271-210: High-Voltage switchgear and controlgear – Seismic qualification for metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV

Convenor: Sabine Charmier

E-mail: sabine.charmier@schneider-electric.com

- ▶ CD: October 2009
- ▶ CD2: March 2010

- ▶ CDV: February 2011

- ▶ FDIS: October 2011

- ▶ International Standard: 2012



Maintenance Team 27 Status Report

IEC 62281-211

IEC/TS 61639: Direct connection between power transformers and gas-insulated metal-enclosed switchgear for rated voltages above 52 kV

Convenor: Markus Keller

E-mail: markus.m.keller@ch.abb.com

- ▶ Questionnaire circulated in March to ask NCs:
The existing document is a Technical Report Type 2.
Shall it be published after revision as International Standard IEC 62271-211?

- ▶ Next revision starts: 2010

- ▶ Stability date: 2013



Maintenance Team 28 Status Report

IEC 62271-3: High-voltage switchgear and controlgear - Part 3: Digital Interfaces based on IEC 61850

Convenor: Thomas Schaeffler E-mail: thomas.schaeffler@siemens.com

- ▶ International Standard: June 2006
- ▶ Next revision starts: 2011
- ▶ Stability date: 2014



Ad hoc Group 2 Status Report

Conformity Assessment for ranges of MV switchgear assemblies

Convenor: Didier Fulchiron

E-mail: didier.fulchiron@schneider-electric.com

- ▶ According to the decision at the plenary meeting of SC 17C in Berlin in December 2008 a new AHG (AHG 2) has been formed.
- ▶ 17C/466/DC November 2009
- ▶ 17C/477/INF
Report of Comments on 466/DC April 2010