

**ACCREDITED STANDARDS COMMITTEE  
C37, POWER SWITCHGEAR**

**STATUS REPORT  
for  
ASC C37 Committee  
IEEE PES Switchgear Committee  
NEMA Switchgear Section  
03-September-2011  
(rev 1 – 26-October-2011)**

This report provides status of the ASC C37 Committee at this time.

Operating Procedures:

ASC C37 operating procedures were balloted within the Committee in August, 2010, and the ballot was successful. The comments received with the ballot were discussed and resolved at the ASC C37 meeting in Las Vegas on September 27, 2010, and the procedures approved with the revisions. The operating procedures were approved by ANSI on February 15, 2011.

A copy of the revised operating procedures is attached to this report.

NEMA is the secretariat of the Committee, and Gerard Winstanley ([ger\\_winstanley@nema.org](mailto:ger_winstanley@nema.org)) of NEMA staff is the ASC C37 Secretary.

At the Las Vegas meeting, the membership expressed the desire that the present Chair continue in office.

Audit:

In conjunction with audit of other Accredited Standards Committees for which NEMA is secretariat, ASC C37 was audited by ANSI in 2010, and passed with no major findings, except as to the need to get the operating procedures updated. With the approval of the revised procedures, no open issues remain from the ANSI audit.

Membership:

The committee membership still needs minor update regarding non-delegation membership. The EL&P / EEI, IEEE, and NEMA delegations are current.

Ballot activity:

Letter ballots were successful to reaffirm the following standards:

- *C37.50 - Low-Voltage AC Power Circuit Breakers Used in Enclosures — Test Procedures*
- *C37.54 - Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear – Conformance Test Procedures*
- *C37.55 - Medium-Voltage Metal-Clad Assemblies – Conformance Test Procedures*
- *C37.57 - Metal-Enclosed Interrupter Switchgear Assemblies – Conformance Testing*
- *C37.58 - Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear – Conformance Test Procedures*
- *C37.85 - Alternating-Current High-Voltage Power Vacuum Interrupters – Safety Requirements for X-Radiation Limits*

A Letter ballot to reaffirm C37.51 and approve a new amendment C37.51a was also successful.

- *Reaffirm C37.51-2003 - Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies- Conformance Test Procedures*
- *Approve amendment C37.51a - Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies- Conformance Test Procedures. Amendment 1: Short-Time Withstand Current Tests.*

The following errata dated February 2011 was incorporated in the reaffirmation of C37.51-2003 (R2010).

*Replace “disconnected” with “connected” in 5.8.2, Step 4:*

*5.8.2 Cycles of Operation*

*Step 4. Move the circuit breaker to a position approximately midway between the test and ~~dis~~connected positions or as close as possible to a midpoint position as the removable secondary test coupler (if required) will permit. If required, install a secondary test coupler. Check to ensure that the circuit breaker cannot be closed, either electrically or mechanically.*

Subsequent to the ballot to reaffirm C37.50-1989, a ballot was initiated for a revision to C37.50 to bring it into alignment with C37.13-2008. The first ballot failed, and ballot comments were reviewed by the working group in its Fall meeting at NEMA, as well as by E-Mail following the actual ballot closing in September, 2011. A recirculation ballot was initiated October 12, with the ballot scheduled to close November 14, 2011.

Document status summary:

The status of documents is given in the table on the next page.

Access to documents:

The documents that remain under ASC C37 responsibility are available for download free of charge at the NEMA website.

- Go to [www.nema.org](http://www.nema.org)
- On the left side of the page, select “Standards”
- Enter “C37” in the “search standards” block, and then select “GO”.
- The result will be an opportunity to download the relevant documents free of charge

These documents are also available from IEEE-SA as part of the Switchgear Standards Collection.

The committee continues to operate in an essentially similar fashion to the recent past, with participation by the three major delegations (IEEE, EEI / EL&P, and NEMA) and by general interest members.

The activities of the Committee are conducted almost entirely by E-Mail, with informational update meetings held in conjunction with the IEEE PES Switchgear Committee meetings when needed. A face-to-face meeting is not presently scheduled for the Fall IEEE meeting in Nashville.

T. W. Olsen  
Chair, ASC C37 Power Switchgear

## Document Status Summary

Number	Title	Approval Status	Remarks	Relation to IEEE Standards
C37.50	Low-Voltage AC Power Circuit Breakers Used in Enclosures — Test Procedures	Approved 1989-01-10 Reaffirmed 2010-11-16	Current  Revision effort in progress to coordinate with changes in IEEE C37.13-2008. The first ballot closed in September 2011, failing to pass. Ballot comments were reviewed and resolved, and a recirculation ballot initiated October 12, with closing set for November 14, 2011.	Test requirements for IEEE Std C37.13, "Low-Voltage AC Power Circuit Breakers Used in Enclosures"
C37.51	Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies— Conformance Test Procedures	Approved 2003-10-31 Reaffirmed 2010-11-16	Current.  Ballot of amendment (C37.51a) to coordinate with C37.20.1a-2005 was successful. Awaiting formal approval and publishing..	Conformance test requirements associated with IEEE Std C37.20.1, "Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear"
C37.51a	Amendment 1: Short-Time Withstand Current Tests	Approved 2010-11-16	Current.	See C37.51
C37.52	Test Procedures for Low-Voltage AC Power Circuit Protectors Used in Enclosures	Approved 1974-10-01 Reaffirmed 2000-03 Withdrawn 2006	Companion IEEE C37.29 withdrawn in 2006. Administratively withdrawn May 23, 2006.	----
C37.54	Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear – Conformance Test Procedures	Approved 2003-03-21 Reaffirmed 2010-11-16	Current.	Conformance test requirements for circuit breakers used in IEEE Std C37.20.2 "Metal-Clad Switchgear".
C37.55	Medium-Voltage Metal-Clad Assemblies – Conformance Test Procedures	Approved 2003-03-21 Reaffirmed 2010-11-16	Current.	Conformance test requirements for IEEE Std C37.20.2 "Metal-Clad Switchgear"
C37.57	Metal-Enclosed Interrupter Switchgear Assemblies – Conformance Testing	Approved 2003-04-14 Reaffirmed 2010-11-16	Current.	Conformance test requirements for IEEE Std C37.20.3 "Metal-Enclosed Interrupter Switchgear"
C37.58	Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear – Conformance Test Procedures	Approved 2003-04-14 Reaffirmed 2010-11-16	Current.	Conformance test requirements for switches used in IEEE Std C37.20.4 "Metal-Enclosed Interrupter Switchgear"
C37.85	Alternating-Current High-Voltage Power Vacuum Interrupters – Safety Requirements for X-Radiation Limits	Approved 2002-11-08 Reaffirmed 2010-11-16	Current.	----