

**ACCREDITED STANDARDS COMMITTEE  
C37, POWER SWITCHGEAR**

**STATUS REPORT  
for  
ASC C37 Committee  
IEEE PES Switchgear Committee  
NEMA Switchgear Section  
05-September-2012**

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.

ANSI has recently raised issues with the operating procedures and delegation voting, which, if addressed, will require modifications to the operating procedures. A draft proposal for modification of the operating procedures will be prepared and submitted electronically to the membership for consideration. If consensus cannot be reached electronically, a face-to-face meeting will be scheduled in conjunction with the Spring 2013 meeting of the IEEE PES Switchgear Committee in Galveston.

NEMA is the secretariat of the Committee, and Gary MacFadden ([Gary.Macfadden@nema.org](mailto:Gary.Macfadden@nema.org)) of the NEMA staff is the ASC C37 Secretary.

Audit:

As part of the 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 update the operating procedures. With the approval of the revised procedures in 2010, no open issues remained from the ANSI audit until further questions were raised in 2012. Questions have been raised with respect to voting, and relative to the metric policy as relates to the 2012 revision of C37.50. Since there are errors in the published version of C37.50 (errors made during publishing), the publishing errors will be corrected along with correction of metrification. As to metrification, metric dimensions will be shown first, with US customary dimensions in parenthesis, except in the case of trade sizes. Only a few changes of this type will be necessary.

Membership:

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

Document status:

The document status is detailed in the table attached as part of this report. All documents are current.

Access to documents:

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

- Go to [www.nema.org](http://www.nema.org)
- In the menu bar, select "Standards"

- Enter “C37” in the “search standards” block, and then select “GO”. This has worked to list all of our C37 documents in the past, but the sort function may not be working correctly now. If it does not work and list all of the C37 documents, then go through “all standards” to find them (should be on page 2).
- 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, if needed for discussion of procedures changes or other issues, may be scheduled for the Spring IEEE meeting in Galveston, TX.

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 2012-01-31	Current.	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.	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. Expect to start revision when IEEE revision of C37.20.2 and C37.04/C37.09 are in final stages of revision. Will also need change to address non-removable circuit breakers as used in non-drawout type equipment.	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. Expect to start revision when IEEE revision of C37.20.2 is in final stages of revision.	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. Expect to start revision when IEEE revision of C37.20.3 is in final stages of revision. Re-ballot of C37.20.3 revisions is expected in late 2012.	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. Expect to start revision when IEEE revision of C37.20.4 is in final stages of revision. Re-ballot of C37.20.4 revisions is expected in September, 2012.	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. IEC is considering whether to cooperate with NEMA on revision of C37.85, particularly to extend to higher voltages than 38kV.	----