

# ACCREDITED STANDARDS COMMITTEE, C37 POWER SWITCHGEAR

ASC C37 Secretary  
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## AGENDA

**MEETING:** ACCREDITED STANDARDS COMMITTEE  
C37, SWITCHGEAR

**PLACE OF MEETING:** TRADEWINDS SIRATA BEACH RESORT &  
CONFERENCE CENTER  
QUEEN ROOM  
5300 GULF BOULEVARD  
ST. PETERSBURG BEACH, FL 33706  
TEL: (727) 363-5100  
FAX: (727) 562-1222  
WEBSITE:  
<http://www.sirata.tradewindsresort.com>

**DATE AND TIME:** TUESDAY, MAY 6, 2003  
6:00 P.M. - 6:30 P.M. (Note new time period)

**PRESIDING OFFICER** T. OLSEN, CHAIRMAN

### I. APPROVAL OF PREVIOUS MINUTES

The members are requested to approve the minutes of the previous meeting held on October 1, 2002.

### II. MEMBERSHIP CHANGES

A roster will be circulated for review and correction. The roster requires revalidation to determine active and inactive members and an accurate list of authorized voting delegation members and their current addresses, etc.

### III. C37 OPERATING PROCEDURES AND THE NEW 2003 ANSI REQUIREMENTS

Chairman and Staff will brief the committee on the highlights of the recent changes in ANSI Procedures for Accredited Standards Developers and Revised American National Standards Process Procedures and what needs to be done to bring the ASC C37 Operating Procedures into compliance.

Accredited Standards Committee C37 –  
Committee on Power Switchgear  
May 6, 2003

#### **IV. C37 STATUS REPORT**

The abbreviated C37 Conformance Assessment Standards Status Report will be provided at the meeting. Members are requested to submit any corrections to staff based on the outcome of discussions at the meeting. Results of C37 Conformance Assessment letter ballots conducted since the last meeting in 2002 and related coordination issues, reporting of voting results, reporting formats, etc., will be discussed. Plans associated with future revised C37 Conformance Assessment standards will be outlined by the Chair.

#### **V. THE FUTURE OF ASC C37**

ASC C37 will be briefed by the Chair on the way ahead for future operations. Changes brought about by developments over the past six months since the last meeting will be highlighted. A list of C37 standards that were transferred from NEMA sponsorship to IEEE sponsorship in December 2002 will be provided.

##### **A. ASC C37 Committee Decisions on Future Operations**

1. Discussion and determination of a plan of action by the ASC C37 Committee membership for future standardization efforts.
2. Plans for revision of C37.51 will be presented.

#### **VI. NEW BUSINESS**

- A. Is there any new business to discuss at this time?

#### **VII. TIME AND PLACE OF NEXT MEETING**

Based on the outcome of Agenda Item V above, the time and place of the next meeting will be discussed.

Note: The next IEEE Switchgear Meetings are scheduled to take place September 21-25, 2003 at the Marriott Portland Downtown Hotel, Portland, Oregon.

#### **VIII. ADJOURNMENT**

The meeting is expected to adjourn at 6:30 p.m.

# ACCREDITED STANDARDS COMMITTEE, C37

1300 North 17<sup>th</sup> St., Suite 1847, Rosslyn, VA 22209

## MINUTES

**MEETING:** ACCREDITED STANDARDS COMMITTEE  
C37, SWITCHGEAR

**PLACE OF PLACE OF MEETING:** SAN LUIS RESORT  
5222 SEAWALL BOULEVARD  
GALVESTON ISLAND, TX 77551-4098

**DATE AND TIME:** TUESDAY, OCTOBER 1, 2002: 6:30 – 8:00 P.M.

### PRESENT

P. Barnhart	UL
W. Bergman	PowerNex
S. Billings	Mitsubishi Electric
J. Brunke	BPA
T. Burse	Powell Electric
R. Capra	Consultant
C. Chow	PEPCO
J. Collins	NEMA
P. DiLillo	Consolidated Edison of New York
A. Dixon	Alex Dixon, Inc.
R. Dotson	Lakeland Electric
P. Dwyer	General Electric – Consultant
D. Galicia	Ameren Corporation
K. Gettman	NEMA
K. Gray	Pacific Breaker Systems
P. Grossmann	Siemens Power
L. Holloman	Dominion Power
A. Kollar	First Energy Corp.
R. Kyle	Southern Co.
J. Leach	Hi-Tech Fuses
D. Lemmerman	PECO Energy
R. Long	Eaton/Cutler-Hammer
A. Mannarino	PSE&G
N. McCord	Southern States Inc.
N. McQuin	McQuin Electrical Power Consulting
A. Monroe	USCO Power
G. Montillet	Alstom
Y. Musa	American Electric Power Corp.
J. Nelson	TVA
T. Olsen	Siemens Power
A. Peterson	Utility Service Corp.
R. Puckett	DuPont
T. Royster	Dominion Virginia Power
R. Sauls	Alabama Power Co.
D. Sharma	Consultant
D. Sigmon	ABB, Inc.
K. Smith	Eaton/Cutler-Hammer
M. Smith	Siemens Power – Consultant

D. Stone	Cooper Power Systems
A. Storms	Storms Advisory Services
T. Tobin	S & C Electric
C. Wagner	Consultant
J. Wisniewski	UL
E. Worland	Southern California Edison

PRESIDING OFFICER

T. OLSEN, ACTING CHAIRMAN

SECRETARY

J. COLLINS

I. APPROVAL OF PREVIOUS MINUTES

The minutes of the meeting held in Newport, Rhode Island on April 30, 2002 were approved as written. It was noted that Mr. D. Galicia was to be added to the attendance list for the April meeting.

II. MEMBERSHIP CHANGES

None reported.

III. NEW PROPOSED ASC C37 OPERATING PROCEDURES

The Chairman provided the Committee with a summary of the chronological background of the effort to have the ASC C37 Operating Procedures approved and the need to legitimize the operations of the Committee as an ANSI Accredited Standards Committee during the interim period covering the remaining months of its existence. A recent letter ballot had been circulated as Draft No. 5, together with a compilation of comments from the previous letter ballot circulation. There were insufficient responses to bring the ballot to closure. Following considerable discussion, a motion to take a formal vote on the Operating Procedures at this meeting was offered.

**Motion:** To take a formal ASC C37 Committee vote to accept or not accept the Operating Procedures at this meeting. The motion was approved 13-0.

Following approval of this motion, the Chairman declared a short recess so that each of the three principal delegations (NEMA, IEEE and EEI) could caucus to take their individual votes.

**Voting Results:** When the delegations had completed their deliberations, the Chairman called the meeting back to order and a vote count was conducted. Voting results were as follows: EEI: 5 Yes, IEEE: 5 Yes, NEMA: 5 Yes, UL: 1 YES, TVA: 1 YES and NETA: 1 YES. Final Results: 18 in favor; 0 opposed. As a result, the new ASC C37 Operating Procedures were formally approved.

Mr. A. Monroe led the Committee in congratulating the Chairman for his hard work in getting the procedures approved after an extended effort.

IV. C37 STATUS REPORT

A draft Fall 2002 issue of the C37 Status Report was distributed in advance of the meeting via e-mail. Members were requested to submit any additional corrections to staff by the end of October 2002. A final edition of the C37 Status Report will subsequently be issued by the Secretary via e-mail.

**Action:** Technical points of contact identified in the C37 Status Report are requested to forward changes to the Secretary by November 15, 2002 to those portions of the report under their individual responsibilities. Secretary will then issue revised C37 Fall 2002 Status Report in the December timeframe and also post it on the NEMA website.

V. THE FUTURE OF ASC C37

- A. Voting Results and Disposition of C37 Standards -- The Chairman summarized the results of C37 standards balloting during the past year. 16 ballots were conducted. 14 ballots were considered valid based on the voting response levels and 2 were not valid due to incomplete voting response. C37.60 voting results were negative. Of the two invalid ballots, voting for C37.14 fell one vote short in the IEEE delegation and C37.48.1 did not get circulated to the IEEE delegation by the IEEE Balloting Center.

The Chairman then briefed the Committee on the status and proposed disposition of all of the C37 standards sponsored by either NEMA or EEI. A copy of this list in matrix form is attached as (**Exhibit 1**). It was noted that several documents are due to expire in the next several months. To prevent loss of ANSI approval on these documents, it is intended to initiate reaffirmation ballots as soon as possible on these documents, prior to transfer to IEEE. One of the guests in attendance expressed the opinion that the documents should be transferred immediately, and that IEEE-SA should handle the reaffirmation. This raised the question of how IEEE-SA could reaffirm a document not created in the IEEE-SA system. The conclusion was that these documents should be reaffirmed within ASC C37, where they were originated.

The Chairman requested that the following documents be reaffirmed within ASC C37 prior to turnover to IEEE: C37.12, C37.17, C37.22, C37.45, C37.51 and C37.121. The following conformance assessment standards will remain with NEMA under NEMA sponsorship: C37.50, C37.51, C37.52, C37.54, C37.55, C37.57, C37.58 and C37.85. C37.53.1 (a conformance assessment standard) will be transferred to IEEE. A transition plan will be developed for the details of turning over documents to IEEE as early as possible. Wherever possible, electronic files with the latest updates, recommended changes from completed letter ballots, etc., will be provided when the documents are turned over to IEEE.

**Action:** Chairman and Secretary to coordinate actions associated with turnover of documents.

- B. Disposition of ASC C37 -- The Chairman stated that the ultimate disposition of this committee will be decided by letter ballot at a time to be announced.

VI. TIME AND PLACE OF NEXT MEETING

It is likely that there will not be a need for a further meeting of ASC C37. A letter ballot will be circulated at a later date at the direction of the Chair regarding the question of dissolution of the ASC C37 Committee.

VII. ADJOURNMENT

There being no additional business, the meeting was adjourned at 7:50 pm.

Reported by:

*John P. Collins, Jr.*

John P. Collins Jr.,  
Secretary, ASC C37 Committee  
October 15, 2002

EXHIBIT

CNS 10/17/02  
Reviewed by Counsel

C37 Document Status  
Documents sponsored by NEMA or by EEI:

October, 2002

Document	Title	Historic Sponsor	Suggested New Sponsor	Work Cycle	Remarks
C37.06 2000 Approve 05-2000	Schedules of Preferred Ratings and Related Required Capabilities for AC High Voltage Circuit Breakers Rated on a Symmetrical Current Basis	NEMA SG4 SG5	IEEE PES Switchgear  Joint HVCB-SA	2002- 2003	Volunteer WG Chair: Georges Montillet Draft status: D2C (Aug, 2002) PAR: draft PAR in work
C37.06.1 2000 Approve 03-2000	Guide for High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Designated "Definite Purpose for Fast Transient Recovery Voltage Rise Times"	NEMA SG4 SG5	IEEE PES Switchgear  Joint HVCB-SA	2003- 2004	Revision effort should start in 2003. May need to be merged into C37.06?
C37.12 1991 Approve 1991	AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis— Specifications Guide	EEI	IEEE PES Switchgear  Joint HVCB-SA	2002- 2003	Sponsored by EEI. Suggest transfer to IEEE. Revision effort should start in 2003.
C37.16 2000 Approve 05-2000	Preferred Ratings, Related Requirements and Application recommendations for Low Voltage Power Circuit Breakers and Power Circuit Protectors	NEMA SG5	IEEE PES Switchgear  LVSD	2003- 2004	Revision effort should start in 2003. Requires coordination with C37.13. Volunteer WG Chair: to be discussed Draft status: PAR:
C37.16a	Supplement to C37.16-1988	NEMA SG5	None	N/A	Superseded – withdraw

As of October, 2002

Document	Title	Historic Sponsor	Suggested New Sponsor	Work Cycle	Remarks
C37.17 1997 Approve 1997	Trip Devices for AC and General Purpose DC Low Voltage Power Circuit Breakers	NEMA SG5	IEEE PES Switchgear	2002-2003	Revision effort due to start in 2003. Current revision approved 1-97.
C37.22 1997 Approve 1997	Preferred Ratings and Related Required Capabilities for Indoor AC Medium-Voltage Switches Used in Metal-Enclosed Switchgear	NEMA SG5	LVSD IEEE PES Switchgear Joint HVS-SA	2002-2003	Coordinate changes with C37.20.3, C37.20.4, C37.57, and C37.58.
C37.32 2002 Approve 05-2002	Schedules of Preferred Ratings, Manufacturing Specifications and Application Guide for High Voltage Air Switches, Bus Supports and Switch Accessories	NEMA SG6	IEEE PES Switchgear HVS	2005-2006	
C37.42 1996 Approve 01-1997	Specifications for Distribution Cutouts and Fuse Links	NEMA SG2	IEEE PES Switchgear HVF	2002	Volunteer WG Chair: in discussion Draft status: nearly ready for ballot PAR: to be prepared
C37.43 1996 Approve 01-1997	Specifications for High-Voltage Distribution and Power Class Expulsion, Current Limiting and Combination Types of External Capacitor Fuses for Shunt Capacitors	NEMA SG2	IEEE PES Switchgear HVF	2002	Volunteer WG Chair: in discussion Draft status: nearly ready for ballot PAR: to be prepared
C37.45 1981 Reaffirm 12-1992	Specifications for Distribution Enclosed Single-Pole Air Switches	NEMA SG2	IEEE PES Switchgear HVF	2002	First edition created by C37 committee. Deadline for expiration 12-02. C37 to process ballot for reaffirmation. Volunteer WG Chair: in discussion Draft status: nearly ready for ballot PAR: to be prepared

Document	Title	Historic Sponsor	Suggested New Sponsor	Work Cycle	Remarks
C37.46 2001 Approve 12-2001	Specifications for Power Fuse and Fuse Disconnecting Switches	NEMA SG2	IEEE PES Switchgear HVF	2004-2005	
C37.47 2001 Approve 12-2001	Specifications for Distribution Fuses, Disconnecting Switches, Fuse Supports and Current Limiting Fuses	NEMA SG2	IEEE PES Switchgear HVF	2004-2005	
C37.50 1989 Reaffirm 03-2000	Conformance Test Procedures for Low-Voltage AC Power Circuit Breakers Used in Enclosures	NEMA SG5	NEMA SG5	2004-2005	Revision effort due to start in 2003.
C37.51 1989 Reaffirm	Conformance Test Procedures for Metal-Enclosed Low Voltage AC Power Circuit Breakers Switchgear Assemblies	NEMA SG5	NEMA SG5	2003-2004	Revision effort due to start in 2003. Current standard reaffirmed 9-95.
C37.52 1974 Reaffirm 03-2000	Test Procedures for Low-Voltage AC Power Circuit Protectors Used in Enclosures	NEMA-SG5	NEMA SG5	2004-2005	No future revisions expected.
C37.53.1 1989 Reaffirm 03-1996	Conformance Test Procedures for High Voltage Current Limiting and Motor Starter Fuses	NEMA-SG5	IEEE PES Switchgear HVF	2002-2003	Volunteer WG Chair: in discussion Draft status: nearly ready for ballot PAR: to be prepared
C37.54 1996 Waiting ANSI	Conformance Test Procedures for Indoor AC High Voltage Circuit Breaker Applied as Removable Elements in Metal-Enclosed Switchgear	NEMA SG4 SG5	NEMA SG4 SG5	2002	Approved 2002. BSR-9 submitted to ANSI.



Document	Title	Historic Sponsor	Suggested New Sponsor	Work Cycle	Remarks
C37.55 1989 Waiting ANSI	Conformance Test Procedures for Metal-Clad Switchgear Assemblies	NEMA SG5	NEMA SG5	2002	Approved 2002. BSR-9 submitted to ANSI.
C37.56	Conformance Test Procedures for Frame and Pad Mounted Circuit Breakers through 72.5kV	NEMA SG4	None	None	Reserved but not used
C37.57 1990 Reaffirm 01-1997	Conformance Testing of Metal-Enclosed Interrupter Switchgear Assemblies	NEMA SG5	NEMA SG5	2002- 2003	Summer 2002 letter ballot Affirmative with Comments. Recirculation ballot October, 2002.
C37.58 1990 Reaffirm 01-1997	Conformance Test Procedures for Indoor AC Medium Voltage Switches for Use in Metal Enclosed Switchgear Assemblies	NEMA SG5	NEMA SG5	2002- 2003	Summer 2002 letter ballot Affirmative with Comments. Recirculation ballot October, 2002.
C37.58a	Supplement to add Requirements and Criteria for Production Tests	NEMA SG5	None	None	Will be superceded by new edition of C37.58
C37.85 1989	Safety Requirements for X-Radiation Limits for AC High Voltage Power Vacuum Interrupters used in Power Switchgear	NEMA SG4	NEMA SG4	2002	Approved 2002.
C37.121 1989 Reaffirm 03-00	Unit Substations	NEMA SG5	IEEE PES Switchgear SA	2004- 2005	BSR-9 submitted to ANSI.



Setting Standards for Excellence

**FRANK K. KITZANTIDES**

Vice President, Engineering

December 20, 2002

Ms. Judith Gorman  
Managing Director,  
IEEE Standards Association  
The Institute of Electrical and Electronic Engineers, Inc.  
445 Hoes Lane  
P.O. Box 1331  
Piscataway, NJ 08855-1331

Dear Judy:

As part of the realignment process associated with the termination of the Memorandum of Understanding (MOU) between NEMA and IEEE regarding the ASC C37, C57 and C62 Committees, attached are letters of transfer signed by NEMA's President, Malcolm O'Hagan, for certain standards which had been previously sponsored by NEMA under the former MOU arrangement. The standards listed in the attached Appendix A ("Works") are C37 and C57 standards being transferred from NEMA sponsorship to IEEE-SA sponsorship. All C62 standards are already under IEEE sponsorship. NEMA will retain sponsorship of the majority of the conformance assessment-related C37 standards. Those conformance assessment standards that NEMA will retain include: C37.50, C37.51, C37.52, C37.54, C37.55, C37.57, C37.58, and C37.85.

Please sign a copy of the Assignment of Interest in Copyright and return it to me for our files.

If you should have any questions regarding this transfer of standards rights and responsibilities, please call me at (703) 841-3258.

Sincerely,

Attachments

- Cc: Malcolm O'Hagan, President, NEMA
- Clark Silcox, NEMA
- Al Scolnik, NEMA, Vice President  
Industry Operations
- Ted Olsen, Chair, ASC C37
- Sheldon Kennedy, Chair ASC C57
- Joe Koepfinger, Chair ASC C62
- Ben Johnson, President, IEEE-SA
- John Estey, President, IEEE Power  
Engineering Society
- Roy Alexander, Chair, IEEE Switchgear  
Committee
- Jin Sim, Chair, IEEE Transformers  
Committee

- Jon Woodworth, Chair IEEE Surge  
Protective Committee
- Karen Rupp, IEEE
- Jerry Walker, IEEE
- Terry deCourcelle, IEEE
- Claudio Stanziola, IEEE
- Sue Vogel, IEEE
- Bob Dwyer, IEEE Legal Counsel
- Amy Marasco, ANSI Legal Counsel
- Anne Caldas, ANSI
- Jay Moskowitz, ANSI
- James Thompson, ANSI
- Wing Luk, ANSI

National Electrical  
Manufacturers Association

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FAX (703) 841-3358  
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JAN 17 2003

## ASSIGNMENT OF INTEREST IN COPYRIGHT

WHEREAS, the National Electrical Manufacturers Association (“Assignor”), with offices at 1300 North 17<sup>th</sup> Street, Suite 1847, Rosslyn, VA 22209, has certain rights in specified standards publications developed under the auspices of the ANSI C37<sup>®</sup> Accredited Standards Committee, as set forth in Appendix A (the “Works”);

WHEREAS, the Institute of Electrical and Electronic Engineers, Inc. (“Assignee), with offices at Three Park Avenue, 17<sup>th</sup> Floor, New York, New York 10016 desires to obtain from Assignor its entire interest in the copyrights to the Works; and

WHEREAS the Assignee intends to sponsor the standards development process related to the Works and the Assignor will no longer sponsor the standards development process related to the Works;

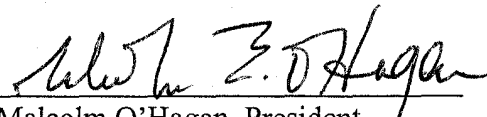
NOW, THEREFORE, in consideration of the premises and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. Assignor hereby assigns, sells, and transfers to Assignee all right title and interest to the Works, registrations which may be secured thereon, and renewal rights therefore, as it may own.
2. This assignment by Assignor or all right, title and interest in the Works to Assignee is a transfer of full ownership in and to the work, including all rights of reproduction, distribution, performance, display and the right to create derivative works.
3. Assignor warrants that he is the sole owner of all such rights in and to the Works; that the Work is original with the Assignor and not in the public

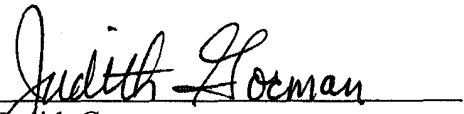
domain; that the Work does not violate or infringe any existing copyright;  
and that Assignor has full power to enter into this Assignment.

4. In the event that Assignee should fail to maintain any of the Works assigned hereunder as an American National Standards, Assignor shall have the immediate and unconditional right to repurchase from Assignee all of its right, title and interest in copyright to the Work not maintained as an American National Standard for the price of \$10.00 (US).

Dated: 1/15/03, 2002.

  
Malcolm O'Hagan, President  
National Electrical Manufacturers  
Association ("Assignor")

Dated: 21 January, <sup>2003</sup>~~2002~~

  
Judith Gorman,  
Institute for Electrical and Electronic  
Engineers, Inc. ("Assignee")

## APPENDIX A (“Works”)

Doc No.	Approval Date	Title
C37.06-2000	05/2000	Schedules of Preferred Ratings and Related Required Capabilities for AC High Voltage Circuit Breakers Rated on A Symmetrical Current Basis
C37.06.1-2000	03/2000	Guide for High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis Designated “Definite Purpose for Fast Transient Recovery Voltage Rise Times”
C37.16-2000	05-2000	Preferred Ratings, Related Requirements and Application Recommendations for Low Voltage Power Circuit Breakers and Power Circuit Protectors
C37.17-1997	1997	Trip Devices for AC and General Purpose DC Low Voltage Power Circuit Breakers
C37.22-1997*	1997	Preferred Ratings and Related Required Capabilities for Indoor AC Medium-Voltage Switches Used in Metal-Enclosed Switchgear
C37.32-2002	05/2002	Schedules of Preferred Ratings, Manufacturing Specifications and Application Guide for High Voltage Air Switches, Bus Supports and Switch Accessories
C37.42-1996	01/1997	Specification for Distribution Cutouts and Fuse Links
C37.43-1996	01/1997	Specifications for High-Voltage Distribution and Power Class Expulsion, Current Limiting and Combination Types of External Capacitor Fuses for Shunt Capacitors
C37.45-1981	12/1992	Specifications for Distribution Enclosed Single-Pole Air Switches
C37.46-2001	12/2001	Specifications for Power Fuse and Fuse Disconnecting Switches
C37.47-2001	12/2001	Specifications for Distribution Fuses, Disconnecting Switches, Fuse Supports and Current Limiting Fuses
C37.53.1-1989	03/1996	Conformance Test Procedures for High Voltage Current Limiting and Motor Starter Fuses
C37.121-1989	03/2000	Unit Substations

## APPENDIX B (“Works”)

Doc No.	Title
C57.12.10	Transformers 230 kV and Below; 833/958 through 8333/10417 kVA Single Phase, and 750/862 through 60000/80000/100000 kVA, Three Phase without Load Tap Changing; and 3750 / 4687 through 60 000 / 80 000 / 100 000 kVA with Load Tap Changing - Safety Requirements
C57.12.20	Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller; High Voltage, 34500 Volts and Below; Low Voltage, 7970/13800Y Volts and Below
C57.12.21	Requirements for Pad-Mounted Compartmental-Type Self Cooled Single-Phase Distribution Transformers with High Voltage Bushings
C57.12.22	Pad Mounted, Compartmental-Type, Self-Cooled Three-Phase Distribution Transformers with High-Voltage Bushings, 2500 KVA and Smaller; High Voltage, 34500 Grd Y/19 920 V and Below; Low Voltage, 480 V and Below
C57.12.24	Transformers Underground-Type Three-Phase Distribution Transformers, 2500 kVA and Smaller; High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 480 Volts and Below - Requirements
C57.12.25	Requirements for Pad-Mounted, Compartmental Type, Self-Cooled, Single Phase Distribution Transformers with Separable Insulated High Voltage Connectors, High Voltage, 34500 Grd Y/19920 Volts and Below; Low Voltage, 240/120; 167 kVA and Smaller
C57.12.26	Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers for use with Separable Insulated, H-V Connectors; H-V, 34 500 Grd Y/19 920 V and Below; 2500 kVA and Smaller
C57.12.28	Pad-Mounted Equipment—Enclosure Integrity
C57.12.29	Pad-Mounted Equipment—Enclosure Integrity for Coastal Environments
C57.12.31	Pole-Mounted Equipment—Enclosure Integrity
C57.12.32	Submersible Equipment—Enclosure Integrity

C57.12.40	Secondary Network Transformers Subway and Vault Type (Liquid Immersed) - Requirements
C57.12.50	Distribution Transformers 1 to 500 kVA, Single Phase; and 15 to 500 kVA, Three-Phase with High Voltage 601 24500 Volts, Low Voltage 120 600 Volt, Ventilated Dry Type
C57.12.51	Requirements for Sealed Dry Type Power Transformers 501 kVA and Larger, Three Phase with High Voltage 601 to 34500 Volts, Low Voltage 208Y/120 to 4160 Volts
C57.12.52	Requirements for Sealed Dry Type Power Transformers 501 kVA and Larger, Three Phase with High Voltage 601 to 34500 Volts, Low Voltage 208Y/120 to 4160 Volts
C57.12.55	Dry Type Transformers in Unit Installations, Including Unit Substations
C57.12.57	Ventilated Dry-Type Network Transformers 2500 kVA and Below, Three-Phase, with High Voltage 34 500 Volts and Below, Low-Voltage 216Y/125 and 480Y/277 Volts-Requirements

**Accredited Standards Committee C37 Power Switchgear  
Document Status  
07-May-2003**

<b>Document</b>	<b>Title</b>	<b>ANSI C37 Status</b>	<b>Document Status</b>
<b>C37.50</b>	Low-Voltage AC Power Circuit Breakers Used in Enclosures — Test Procedures	App 01-20-89 Reaff 3-00	Current.  Coordinate with C37.13 revisions as necessary. C37.13 expected to ballot in 2003.
<b>C37.51</b>	Metal-Enclosed Low-Voltage AC Power-Circuit-Breaker Switchgear Assemblies—Conformance Test Procedures	App 11-04-88 Reaff 1-03	Draft review due 05-15-03. Resolve comments and ballot by 07-15-03 to review results 09-2003.
<b>C37.52</b>	Procedures for Low-Voltage AC Power Circuit Protectors Used in Enclosures	App 10-01-74 Reaff 3-00	Allow to expire.
<b>C37.54</b>	Conformance Test Procedures For Indoor Alternating Current Medium-Voltage Circuit Breakers Applied As Removable Elements In Metal-Enclosed Switchgear	App 03-21-03	Next action – 2008
<b>C37.55</b>	Metal-Clad Switchgear Assemblies—Conformance Test Procedures	App 03-21-03	Next action – 2008
<b>C37.57</b>	Metal-Enclosed Interrupter Switchgear Assemblies—Conformance Testing	App 04-14-03	Next action -- 2008
<b>C37.58</b>	Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear— Conformance Test Procedures	App 04-14-03	Next action – 2008
<b>C37.85</b>	Alternating-Current High-Voltage Power Vacuum Interrupters—Safety Requirements for X-Radiation Limits	App 11-08-02	Next action – 2007



**Accredited Standards Committee C37 Power Switchgear  
Documents Transferred to IEEE  
Status at Transfer in January, 2003  
07-May-2003**

<b>Document</b>	<b>Title</b>	<b>ANSI C37 Status</b>	<b>Document Status</b>
C37.06	Preferred Ratings and Related Required Capabilities for AC HV Circuit Breakers	App 05-00	Current. Draft revision D2C also transferred to IEEE
C37.06.1	Guide for HV Circuit Breakers Designated "Definite Purpose for Fast TRV Rise Times"	App 03-00	Current.
C37.12	AC HV Circuit Breakers— Specifications Guide	App 91	Revision effort should start in 2003.
C37.16	Preferred Ratings for LV Power Circuit Breakers and Power Circuit Protectors	App 05-00	Current. Revision effort should start in 2003.
C37.17	Trip Devices for AC and General Purpose DC LV Power Circuit Breakers	App 97 Reaff 01-03	Current. Next action 2008.
C37.22	Preferred Ratings Indoor AC MV Switches Used in Metal-Enclosed Switchgear	App 97 Reaff 01-03	Current. Next action 2008.
C37.32	Preferred Ratings, Manufacturing Specifications and Application Guide for HV Air Switches	App 05-02	Current. Next action 2007
C37.42	Specifications for Distribution Cutouts and Fuse Links	App 01-97	Revision in work
C37.43	Specifications for HV Distribution and Power Class Expulsion, Current Limiting Fuses	App 01-97	Revision in work
C37.45	Specifications for Distribution Enclosed Single-Pole Air Switches	App 81 Reaff 92 Reaff 02	Current. Revision needed.
C37.46	Specifications for Power Fuse and Fuse Disconnecting Switches	App 12-01	Current. Next action 2006
C37.47	Specifications for Distribution Fuses and Current Limiting Fuses	App 12-01	Current. Next action 2006.
C37.53.1	Conformance Test Procedures for HV Current Limiting and Motor Starter Fuses	App 89 Reaff 03-96	
C37.121	Unit Substations	App 89 Reaff 03-00	Current. Next action 2005