

Standards Report

To: Members of IEEE Transformers Committee

From: William H. Bartley, Standards Coordinator

Date: October 19, 2009

Re: Transformer Standards Activity

Executive Summary

This report covers the Transformer Standards activity for the six-month period of April 1 2009 to Oct 1, 2009. The Transformer Committee is responsible for approximately 96 active standards, plus 45 projects for new standards and revisions. In the last six months, one new standard and three Revisions were approved by REVCOM; and NESCOM approved two PAR modifications, and one PAR extension.

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I. Standards News

IEEE Editorial Satisfaction Survey

All WG Chairs: You are invited to participate in an editorial process satisfaction survey! The survey is designed to examine ways in which the editorial staff can better meet our needs. This is your time to voice any comments or suggestions you may have regarding their editorial services, tools, resources, etc. Below is the survey link. It will take only a few minutes to complete. Your responses are completely confidential and will only be presented in aggregate.

https://www.surveymonkey.com/s.aspx?sm=TxMMHeihTbI2QqTr6KE3NA_3d_3d

II. NESCOM and PAR Activities

NOTE: The deadline to submit PARs to Nescom for the December meeting was Oct 19.

PARs approved for New Standards or Revisions

None

PAR Modifications approved

PC57.113 Rec. Practice for PD Measurement in Liquid-Filled Transformers

Approved a modified PAR, expiring in December 2011

C57.12.10 Standard Requirements for Liquid-Immersed Power Transformers

Approved modified

PAR Extension Requests approved

C57.12.10 Standard Requirements for Liquid-Immersed Power Transformers

Approved an extension until December 2010

PARs to be WITHDRAWN December 31, 2009

PC57.130 Trial-Use Guide for DGA During Factory Temperature Rise Tests

PC57.133 Guide for Short-Circuit Testing of Distribution & Power Transformers

Other Recent PAR Activity

C57.12.01 Standard General Requirements

A PAR for REVISION was submitted by Tim Holdway on Oct 15

C57.32 Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

A PAR Modification and Extension Request was submitted by Steve Schapell on Oct 16

1277 General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission - Ballot closed Sept. Currently in resolution. A PAR Extension Request was submitted by R.Dudley on Oct 13.

C57.91 Guide for Loading Mineral-Oil-Immersed Transformers *[Also Cor 1-2002 (R2004)]*

A PAR Extension Request was submitted by Don Duckett on Oct 13

C57.96 Guide for Loading Dry-Type Distribution and Power Transformers

A PAR for REVISION was submitted by Richard Marek on Oct 12

C57.98 IEEE Guide for Transformer Impulse Tests

A PAR Extension Request was submitted by Art Molden on September 14, and is on the Nescom October agenda for early consideration.

C57.131 Standard Requirements for Load Tap Changers

Ballot launched Oct 15. PAR Modification & Extension Request submitted by W Henning on Oct 8.

C57.139 Guide for DGA in Load Tap Changers

PAR Extension Request was submitted by D. Wallach on Oct 8.

C57.151 Guide for Sound Level Measurement Guide

PAR Extension Request submitted by Jeewan Puri Sept 21; now on the Nescom October agenda for early consideration.

III. REVCOM and Standards Activities

NOTE: The deadline to submit Standards to REVCOM for the December meeting was Oct 19.

NEW Transformer Standards Approved

C57.12.38 Standard for Padmounted, Single-Phase Distribution Transformers

Revisions Approved

C57.13.5 Standard of Performance and Test for Instrument Transformers > 115 kV

C57.15 Standard Requirements, Terminology, & Test Code for Step-Voltage Regulators

C57.12.24 Standard for Submersible, Three-Phase Transformers, <3750 kVA,

Standards to be Withdrawn Dec 31 '09

C57.56 Thermal Evaluation of Ins. Systems for Ventilated Dry-Type

This standard was merged with C57.12.60, which is on the Revcom October agenda for early consideration.

Other Recent Standards Activity

- 259** Standard Test Procedure for Evaluation of Insulation Systems for Dry-Type Transformers
Reaffirmation ballot invitation opened Oct 7. Have requested a 1-year extension to complete the ballot.
- 1277** General Requirements and Test Code for Smoothing Reactors for DC Power Transmission
Ballot closed Sept 6. Currently in resolution. PAR Extension was submitted.
- C57.12.34** Requirements for Pad-Mounted, 3-Phase Distribution Transformers, <2500 kVA
Ballot completed. Standard submitted by S Shull on Oct 13. Now on Dec REVCOM agenda
- C57.12.60** Thermal Evaluation of Insulation Systems for Dry-Type Transformers
Ballot completed Aug 28. Submitted to Revcom. On the October agenda for early consideration.
- C57.19.00** Standard General Requirements and Test Procedure for Power Apparatus Bushings
Ballot closed Sept 18. Currently in resolution. Have requested 1-year extension to complete the ballot.
- C57.121** IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluids
A Reaffirmation ballot launched Oct 15. All negatives resolved. Now on Dec REVCOM agenda.
- C57.124** Rec Practice for Detection of P.D. & Measurement of Apparent Charge in Dry-Types
Ballot completed. Standard submitted by C Johnson on Oct 8. Now on Dec REVCOM agenda
- C57.131** -IEEE Standard Requirements for Load Tap Changers
Ballot launched on Oct 15. PAR Modification & Extension Request submitted by W Henning
- C57.144** Guide to Metric Conversion of Transformer Standards
A Reaffirmation ballot invitation was opened Sept 18. Ballot will commence right after Invitation closes. Have requested a 1-year extension to complete the ballot.

IV. 2010 IEEE Standards Board Calendar

2010 DEADLINES for NESCOM and REVCOM Submissions:

March	February 12, 2010
June	May 7, 2010
September	August 20, 2010
December	October 18, 2010

2010

IEEE Standards Association Governance Meetings Schedule

JANUARY	JULY
	15 RAC – San Diego, CA
FEBRUARY	AUGUST
9-14 IEEE BoD Series – Atlanta, GA	17-18 CAG – Piscataway, NJ
23 Int'l Ad-Hoc – Piscataway, NJ	SEPTEMBER
24 Bus. Dev Ad-Hoc – Piscataway, NJ	28-30 Sids&d/Cmle Migs – Europe Location TBD
24 BoG PM caucus – Piscataway, NJ	OCTOBER
25 BoG – Piscataway, NJ	
MARCH	
8-12 CAG – India	NOVEMBER
23-25 Sids&d/Cmle Migs – Piscataway, NJ	16-21 IEEE BoD Series – New Brunswick, NJ
APRIL	30 CAG – Piscataway, NJ
	DECEMBER
MAY	1 CAG – Piscataway, NJ
11-12 CAG – Piscataway, NJ	2 Int'l Ad-Hoc – Piscataway, NJ
24 Int'l Ad-Hoc – Beijing, PRC	3 Bus. Dev Ad-Hoc – Piscataway, NJ
25 Bus. Dev Ad-Hoc – Beijing, PRC	3 BoG – PM caucus – Piscataway, NJ
25 BoG PM caucus – Beijing, PRC	4 BoG – Piscataway, NJ
26 BoG – Beijing, PRC	5 Awards Ceremony – New Brunswick, NJ
JUNE	6-8 Sids&d/Cmle Migs – Piscataway, NJ
15-17 Sids&d/Cmle Migs – Piscataway, NJ	
22-27 IEEE BoD Series – Montreal, Canada	

Deadlines for AudCom/NewsCom*/RevCom

Submissions:

12 February

7 May

20 August

18 October

IV. 2010 Standards Board Meeting Schedule

January	February	March
S M T W TH F S 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
April	May	June
S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W TH F S 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
July	August	September
S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W TH F S 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
October	November	December
S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	S M T W TH F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

V. Transformer Committee Ballot Status*(as of Oct 19, 2009)*

Standard	Subcommittee	Status
1277	HVConv	Ballot closed Sep 6, PAR ext submitted
C57.12.00	Std. WG	Ballot closed Oct '08 Recirc ballot to launch by end of Oct
C57.12.10	PwrTrans	PAR mod & ext to Dec 2010
C57.12.24	UG	approved
C57.12.30	Dist	Ballot closed Oct 14 - in resolution
C57.12.31	Dist	Ballot closed Oct 14 - in resolution
C57.12.34	Dist	Complete - on Dec REVCOM agenda
C57.12.38	Dist	approved
C57.12.60	Dry Type	Complete - on Oct REVCOM agenda
C57.12.80	Stds	Ballot closed Apr '08 - in resolution
C57.12.90	Stds	Ballot complete - holding for 12.00
C57.13.5	Instrument	approved
C57.15	Dist	approved
C57.19.00	Bushing	Ballot closed Sep 17 - in resolution
C57.113	Dielectric	Ballot closed Mar '09 - in resolution - PAR Mod app'd to 2011
C57.121	Ins Fluid	Reaff ballot closes Oct 25 -Negs resolved - On Dec REVCOM agenda
C57.123	Perf Charac	Ballot complete - holding for Dual Logo
C57.124	Dry Type	Complete - on Dec REVCOM agenda
C57.131	Pwr Trans	Ballot closes Nov 15 09 - PAR mod + ext submitted
C57.139	Ins Fluid	PAR ext submitted
C57.142	Perf Charac	Recirc closed Sep 25 09 in resolution
C57.143	Pwr Trans	Ballot closed May '09 - in resolution
C57.144	Stds	Ballot opened Oct 20

VI. Transformer Committee - Active PARs*.....as of Oct 19, 2009*

PAR Number	Title	Expiration
P638	Qualification of Class 1E Transformers for Nuclear Power Generating Stations	Dec 2011
P1277	General Requirements & Test Code for Smoothing Reactors for DC Power Transmission	PAR ext submitted
PC57.12.00	Std General Requirements for Liquid-Immersed Dist, Power, and Reg Transformers	Dec 2011
PC57.12.10	Std Requirements for Liquid-Immersed Power Transformers	Dec 2010
PC57.12.20	Std for Overhead Transformers, 500 kVA and Smaller:	Dec 2010

PC57.12.30	Std for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments	Dec 2011
Transformer Committee Active PARs - Continued		
PAR Number	Title	Expiration
PC57.12.31	Std for Pole Mounted Equipment - Enclosure Integrity	Dec 2011
PC57.12.37a	Electronic Reporting of Dist Transformer Test Data - AMENDMENT to Include Efficiency	Dec 2013
PC57.12.40	Std for Network, 3ph Transformers,< 2500 kVA; Subway and Vault Types	Dec 2011
PC57.12.52	Std for Sealed Dry-Type > 501 kVA 3ph, HV: 601 to 34.5kV, LV: 208Y/120 to 4160 Volts	Dec 2011
PC57.12.70	Std Terminal Markings and Connections for Distribution and Power Transformers	Dec 2011
PC57.12.80	Std Terminology for Power and Distribution Transformers	Dec 2012
PC57.12.90	Std Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers	Dec 2011
PC57.12.91	Std Test Code for Dry-Type Distribution and Power Transformers	Dec 2010
PC57.16	Std Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Reactors	Dec 2010
PC57.17	Std Requirements for Arc Furnace Transformers	Dec 2011
PC57.19.03	Std Requirements, Terminology, & Test Code - Bushings for DC Apps rated > 110 kV BIL	Dec 2011
PC57.19.100	Guide for Application of Power Apparatus Bushings	Dec 2010
PC57.32	Std Requirements, Terminology & Test for Neutral Grounding Devices <i>(old IEEE std 32)</i>	PAR ext submitted
PC57.91	Guide for Loading Liquid Immersed Transformers and Voltage Regulators	PAR ext submitted
PC57.98	Guide for Transformer Impulse Tests	PAR ext submitted
PC57.100	Std Test Procedure for Thermal Evaluation of Insulation Systems for Liquid-Immersed	Dec 2010
PC57.113	Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors	Dec 2011
PC57.123	Guide for Transformer Loss Measurement	Dec 2011
PC57.131	Std Requirements for Tap Changers	PAR ext submitted
PC57.135	Guide for the Application, Specification and Testing of Phase Shifting Transformers	Dec 2011
PC57.139	Guide for Dissolved Gas Analysis in Transformer Load Tap Changers	PAR ext submitted
PC57.142	Guide to Describe the Occurrence and Mitigation of Switching Transients	Dec 2011
PC57.143	Guide for Monitoring Equipment to Liquid-Immersed Transformers and Components	Dec 2010
PC57.148	Std for Control Cabinets for Power Transformers	Dec 2010
PC57.149	Application & Interpretation of Frequency Response Analysis for Oil Immersed transformers	Dec 2010
PC57.150	Guide for the Transportation of Transformers and Reactors Rated 10,000 kVA or larger	Dec 2010
PC57.151	Sound Level Measurement Guide for Transformers and Reactors	PAR ext submitted
PC57.152	Guide for Diagnostic Field Testing of Fluid Filled Power Transformers, Regulators etc	Dec 2012
PC57.153	Guide for Paralleling Power Transformers	Dec 2012
PC57.154	Design, Testing and App of Liquid-Immersed Transformers with High-Temp Insulation	Dec 2013
PC57.637	Guide for the Reclamation of Insulating Oil and Criteria for Its Use	Dec 2012
<end>		

IEEE/PES TRANSFORMERS COMMITTEE

Status Report of PE/TR Standards

April 2009
Miami FL

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	AUDIBLE SOUND & VIBRATION <i>Puri J.</i>	(704) 821-6638 manopuri@worldnet.att.net				
P57.151	IEEE Guide for Sound Level Measurement for Liquid Immersed Transformers and Reactors	Puri J. (704) 821-6638 manopuri@worldnet.att.net		12/07/2005 12/31/2009	New Project - Active PAR Std under development IEC granted permission for use of IEC documents	
C57.136	IEEE Guide for Sound Level Abatement and Determination for Liquid- Immersed Power Transformers and Shunt Reactors Rated Over 500 kVA	Darwin A.W. 44 1785 274370 alan.darwin@areva-td.com	2000 12/31/2010		Approved - Reaffirmed September '05 Reaffirmation approved by RevCom on 9/21/2005	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	BUSHING <i>Elliott F. E.</i>	(360) 418-2269 felliott@ieee.org				
NONE						
C57.19.00	Standard General Requirements and Test Procedure for Power Apparatus Bushings	Ellis K. P. (615) 847-2157 keithcota@aol.com	2004 12/31/2009		Approved Formerly Std. IEEE 21 Previous revision 1991. D6.1 approved by RevCom in Dec., 2004 NEEDS REAFFIRMATION or PAR for REVSION	
C57.19.01	IEEE Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings	Elliott F. E. (360) 418-2269 felliott@ieee.org	2000 12/31/2010		Approved Formerly Std. IEEE 24 Reaffirmed in 2005.	
C57.19.03 PC57.19.03	IEEE Standard Requirements, Terminology, and Test Code for Bushings for DC Applications	Recksiedler 204 474 3192	1996 12/31/2007	12/05/2007 12/31/2011	Approved with Corrigenda See Corrigenda -1, Published in 2006 New PAR for revision submitted 10/2007 PAR approved by Nescom Dec07 Std extended until PAR expiration of Dec 2011	
C57.19.03-1996/	Standard Requirements, Terminology, and Test Code for Bushing for DC Applications - Corrigendum 1	Recksiedler 204 474 3192	12/31/2007		Approved Published 6/6/2006	
C57.19.100 PC57.19.100	IEEE Guide for Application of Power Apparatus Bushings	Spitzer T. (817) 215-6457 tommy.spitzer@oncorgroup.com	1995 12/31/2010	03/30/2006 12/31/2010	Approved - Active PAR for Revision Revision for C57.19.101-1992 New PAR requested and approved to 12/31/2010.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	DIELECTRIC TESTS Wagenaar L. B.	(614) 552-1759 lbwagenaar@ieee.org				
C57.113 PC57.113	IEEE Guide for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors	Poulin B. (450) 652-2901 bertrand.f.poulin@ca.abb.com	1991 12/31/2007	05/07/2007 12/31/2011	Active PAR for revision New PAR approved on 5/7/2007. Ballot closed March 26, 09 - in comment resolution Modified PAR approved 5/7/09	
C57.127	IEEE Guide for the Detection of Acoustic Emissions from Partial Discharges in Oil-Immersed Power Transformers	Harley J. W. (330) 657-2471 jack@harleyinc.com	2007 12/31/2012		Approved - D10.0 approved - in final edit PAR to Revise IEEE Std C57.127-2000 D10.0 approved by SA Board 3/22/2007	
C57.138	IEEE Recommended Practice for Routine Impulse Test for Distribution Transformers	Molden A. (845) 225-0993 a.molden@ieee.org	1998 12/31/2010		Approved - Reaffirmed in June '05 Reaffirmation approved by RevCom on 6/8/05.	
C57.98 PC57.98	IEEE Guide for Transformer Impulse Tests	Molden A. (845) 225-0993 a.molden@ieee.org	1994 12/31/2009	09/12/2002 12/31/2009	Approved - Active PAR for Revision PAR to Revise IEEE Std C57.98-1994 PAR extension requested and approved to 12/31/2009.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	DISTRIBUTION TRANSFORMERS Shull S.	(417) 625-6110 sshull@empiredistrict.com				
PC57.12.30	Standard for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments	Olen O. (262) 835-3362 rolen@cooperpower.com		03/22/2007 12/31/2011	New Project New project: covers conformance tests and requirements for the enclosure integrity of pole-mounted equipment in coastal locations	
PC57.12.33	Guide for Distribution Transformer Loss Evaluation	Pekarek T. J. (330) 761-7800 tjekarek@firstenergycorp.com		06/25/1998 12/31/2004	PAR Withdrawn - Inactive WG Decision made at Las Vegas Meeting to discontinue project. PAR administratively withdrawn by Nescom Dec '04	
C57.12.20 PC57.12.20	Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller, High-Voltage 34 500 Volts and Below; Low-Voltage, 7970/13 800 Y Volts and Below	Wilks A. L. (731) 285-9121 awilks@ermco-eci.com	2005 12/31/2010	09/15/2006 12/31/2010	Approved - Active PAR for Revision New PAR requested and approved to 12/31/2010.	
C57.12.28 PC57.12.28	Standard for Pad Mounted Equipment - Enclosure Integrity	Olen O. (262) 835-3362 rolen@cooperpower.com	2005 12/31/2010		Approved Previously NEMA/ANSI C57.12.28-1999 Published 9/30/2005	
C57.12.29 PC57.12.29	Standard for Pad Mounted Equipment - Enclosure Integrity for Coastal Environments	Olen O. (262) 835-3362 rolen@cooperpower.com	2005 12/31/2010		Approved Previously NEMA/ANSI C57.12.29-1991 Current standards Published 10/10/2005.	
C57.12.31 PC57.12.31	IEEE Standard for Pole Mounted Equipment - Enclosure Integrity	Olen O. (262) 835-3362 rolen@cooperpower.com	2002 12/31/2011	03/22/2007 12/31/2011	Approved - Active PAR for Revision Published 3/6/2003. New PAR approved 3/22/2007	
C57.12.32	Standard for Submersible Equipment - Enclosure Integrity	Olen O. (262) 835-3362 rolen@cooperpower.com	2002 12/31/2013		Approved Published 3/7/2003. Reaffirmation approved 03/28/08	
C57.12.34 PC57.12.34	Requirements for Pad-Mounted, Compartmental-Type, Self-Cooled, Three-Phase Distribution Transformers, 2500 kVA and Smaller: High-Voltage, 34 500GrdY/19 920 Volts and Below; Low Voltage, 480 Volts and Below	Shull S. (417) 625-6110 sshull@empiredistrict.com	12/31/2009	03/20/2005 12/31/2009	Approved - Active PAR for revision Originally Std. 1447, Combined C57.22-1980 & C57.12.26-1992 Approved by RevCom 9/22/2004; published 3/8/05 New PAR for revision approved 3/19/2005.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	DISTRIBUTION TRANSFORMERS Shull S.	(417) 625-6110 sshull@empiredistrict.com				
C57.12.35	IEEE Standard for Bar Coding for Distribution Transformers	Matthews P (601) 422-1533 lmatthews@howard-ind.com	2007 12/31/2012		Approved Formerly P1265. C57.12.35-1996 reaffirmation 6/23/2004. Approved by SA Board 9/27/2007	
C57.12.36 PC57.12.36	Standard Requirements for Liquid-Immersed Distribution Substation Transformers	Rossetti J. R. (901) 528-4743 jrossetti@mlgw.org	2007 12/31/2012		Approved PAR extended to 12/31/2008. Approved by SA Board on 9/27/2007	
C57.12.37 PC57.12.37A	IEEE Standard for the Electronic Reporting of Transformer Test Data	Hollingsworth R. (601) 422-1105 rhollin@howard-ind.com	2006 12/31/2011	03/19/2009 12/31/2013	Approved Formerly C57.132, IEEE Std 1388-2000 Approved on 3/30/2006. Published 7/21/2006 PAR for AMENDMENT approved by NESCOM Mar 09	
C57.12.38 PC57.12.38	Standard for Pad-Mounted, Compartmental-Type, Self-Cooled, Single-Phase Distribution Transformers with Separable Insulated High-Voltage Connectors; High Voltage, 34500 GrdY/19920 Volts and Below, Low Voltage, 240/120 Volts; 167 kVA and Smaller Requirements	Ghafourian A. A. (731) 285-9121 aghafourian@ermco-eci.com	2009 12/31/2014		Approved - Active Approved 9/11/09	
C57.15 PC57.15	IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators	Colopy C. A. (262) 896-2342 ccolopy@cooperpower.com	2009 12/31/2014		Approved - Active Approved 9/11/2009	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	DRY TYPE TRANSFORMERS Johnson, Jr. C. W.	(276) 688-1512 charles.w.johnson@us.abb.com				
C57.12.01	IEEE Standard General Requirements for Dry-Type Distribution and Power Transformers Including Those with Solid Cast and/or Resin Encapsulated Windings	Sullivan J. C. (813) 884-5424 jcsullivan@ieee.org	2005 12/31/2010		Approved Previous 1998 version was successfully revised and approved in 2005. Published 5/19/2006	
C57.12.51	Ventilated Dry-Type Power Transformers, 501 kVA and Large, Three-Phase, with High-Voltage 601 to 34500 Volts; Low-Voltage 208Y/120 to 4160 Volts - General Requirements	Powell P. A. (202) 388-2335 papayne@ieee.org	2008 12/31/2013		Approved Previously NEMA document C57.12.51, original publication by NEMA in 1981, Reaffirmed in 1998. document transferred to IEEE in Dec 2002. New PAR approved in 2006 Revised Standard approved 9/27/08 Published 3/9/2009	
C57.12.52 PC57.12.52	Standard Requirements for Sealed Dry-Type Power Transformers, 501 kVA and Larger, Three-Phase, with High-Voltage 601 to 34 500 Volts, Low-Voltage 208Y/120 to 4160 Volts	Kennedy S. P. (716) 896-6500 skennedy@niagaratransformer.com	1981 12/31/2011	05/07/2007 12/31/2011	Active PAR for revision Previously ANSI C57.12.52-1981 NEW PAR approved for revision to Dec 2011	
C57.12.56 PC57.12.60	IEEE Standard Test Procedure for Thermal Evaluation of Insulation Systems for Ventilated Dry-Type Power and Distribution Transformers	Wicks R. C. (804) 383-3300 roger.c.wicks@usa.dupont.com	1981 12/31/2007	12/10/2003 12/31/2009	Extended to Dec 2009 Revcom recommended ADMINISTRATIVE WITHDRAWAL 12.56 AND 12.60 are being MERGED	
C57.12.58	IEEE Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil	Kline A. D. (843) 705-2698 AKLINE1490@AOL.COM	1991 12/31/2013		Approved - Active Reaffirmation approved 9/27/2008	
C57.12.59	IEEE Guide for Dry-Type Transformer Through-Fault Current Duration	Powell P. A. (202) 388-2335 papayne@ieee.org	2001 12/31/2011		Approved Reaffirmation approved in 12/5/2006.	
C57.12.60 PC57.12.60	IEEE Guide for Test Procedures for Thermal Evaluation of Insulation Systems for Solid Cast and Resin-Encapsulated Power and Distribution Transformers	Wicks R. C. (804) 383-3300 roger.c.wicks@usa.dupont.com	1998 12/31/2007	12/10/2003 12/31/2008	Approved - Active PAR for Revision PAR to Revise IEEE Std C57.12.56-1986 and IEEE Std C57.12.60-1998 PAR extended to 12-31-09	
C57.12.91 PC57.12.91	IEEE Standard Test Code for Dry-Type Distribution and Power Transformers	Foster D. R. (815) 678-2421 dfoster@olsun.com	2001 12/31/2010	12/05/2006 12/31/2010	Approved - Active PAR for Revision New PAR for Revision approved 12/5/2006 PAR for Amendment withdrawn	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	DRY TYPE TRANSFORMERS Johnson, Jr. C. W.	(276) 688-1512 charles.w.johnson@us.abb.com				
C57.124	IEEE Recommended Practice for the Detection of Partial Discharge and the Measurement of Apparent Charge in Dry-Type Transformers	Johnson, Jr. C. W. (276) 688-1512 charles.w.johnson@us.abb.com	1991 12/31/2009		Approved Need to initiate reaffirmation and request extension. Expiration extended by Revcom to 12-31-09 Reaff Ballot closed Mar 11 2009 No negatives	
C57.134	IEEE Guide for Determination of Hottest Spot Temperature in Dry Type Transformers	Powell P. A. (202) 388-2335 papayne@ieee.org	2000 12/31/2011		Approved Reaffirmation approved 3/30/2006	
C57.16 PC57.16	IEEE Standard Requirements, Terminology, and Test Code for Dry-Type Air- Core Series-Connected Reactors	Dudley R. F. (416) 298-8108 richarddd@ca.trenchgroup.com	1996 12/31/2010	11/02/2006 12/31/2010	Approved PAR for revision approved 11/2/2006.	
C57.94	IEEE Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type General Purpose Distribution and Power Transformers	Lewis T. D. (910) 738-4251 tlewis@acmepower.com	1982 12/31/2010		Approved Reaffirmation approved 12/6/2006	
C57.96	IEEE Guide for Loading Dry Type Distribution and Power Transformers	Prevost T. A. (802) 751-3458 tprevost@ieee.org	1999 12/31/2009		Approved - Active Reaffirmation approved 9/22/2004 Previous revision in 1994.	
IEEE 259	IEEE Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose Transformers	Simpson, Jr. R. W. (603) 286-4362 bsimpson@quin-t.com	1999 12/31/2009		Approved Reaffirmation approved 9/22/04 REAFFIRMATION or PAR for REVISION NEEDED	
SubCommittee Chair	HV CONVERTER TR & REACTORS Dudley R. F.	(416) 298-8108 richarddd@ca.trenchgroup.com				
C57.129 PC57.129	IEEE General Requirements and Test Code for Oil Immersed HVDC Converter Transformers	Dudley R. F. (416) 298-8108 richarddd@ca.trenchgroup.com	2008 12/31/2012		Approved Trial use std published 6/6/2000; upgraded to full use 3/2002 PAR for revision approved on 6/24/2004 Approved 9/27/2007 Published 1/29/2008	
IEEE 1277 P1277	IEEE General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission	Dudley R. F. (416) 298-8108 richarddd@ca.trenchgroup.com	2000 12/31/2005	11/10/2005 12/31/2009	Approved. Active PAR for revision Active PAR for revision.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee Chair	INSTRUMENT TRANSFORMERS <i>Smith J. E.</i>	(601) 346-9104 jes1@ieee.org			
C57.13	IEEE Standard Requirements for Instrument Transformers	Nelson T. N. (301) 975-2986 thomas.nelson@nist.gov	1993 12/31/2013		Approved PAR to Revise IEEE Std C57.13-1993 PAR extended to 12-31-08 Revision Ballot closed 10-23-07 Revision Approved 3/28/08
C57.13.2	Conformance Test Procedure for Instrument Transformers	Khalin V. M. (859) 879-2797 vladimir@kuhlman.com	2005 12/31/2010		Approved C57.13.2-1991 revised to harmonize with C57.13-1993 Approved by RevCom on 6/8/2005 Published 9/29/2005.
C57.13.5	Standard of Performance and Test Requirements for Instrument Transformers of a Nominal System Voltage of 115 kV and Above	Riffon P. (514) 840-3000 x3424 riffon.pierre@hydro.qc.ca	2009 12/31/2014		Approved - Active Approved 9/11/2009
C57.13.6	Standard for High Accuracy Instrument Transformers	Ten Haagen C. W. (603) 749-8433 chris.tenhaagen@indsys.ge.com	12/31/2010		Approved Document published in 12/9/2005

STANDARD PROJECT	TITLE	Working Group Chair Phone Email		Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	INSULATING FLUIDS McNelly S.J.	(612) 330-6904 sjmcnelly@ieee.org					
PC57.130	IEEE Trial-Use Guide for the Use of Dissolved Gas Analysis During Factory Temperature Rise Tests for the Evaluation of Oil-Immersed Transformers and Reactors	Ladroga	R. K.		01/30/2000 12/31/2009	New Project - under development currently under ballot resolution. PAR extension requested and approved to 12/31/2009.	
PC57.139	Guide for Dissolved Gas Analysis in Transformer Load Tap Changers	Jakob	F.		12/11/2002 12/31/2009	New Project - under development Orig PAR to expire 12/31/2006. Deferred PAR withdrawal to 3/2007. PAR extended to Dec 2009	
C57.104 PC57.104	IEEE Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers	Ladroga	R. K.	1991 12/31/2013	06/30/2006	Approved Original PAR and document withdrawn in Dec. 2005. New PAR approved in June 06. Ballot closed 10/10/07 Revision approved 09/27/08 Published Feb 2009	
C57.106	IEEE Guide for Acceptance and Maintenance of Insulating Oil in Equipment	Thompson	J. A.	2006 12/31/2011		Approved D6 pproved 12/6/2006 Previously version in 2002, 1991 (R1998), 1977	
C57.111	IEEE Guide for Acceptance of Silicone Insulating Fluid and Its Maintenance in Transformers	Ladroga	R. K.	1983 12/31/2014		Approved Reffirmation approved by SB Mar 2009	
C57.121	IEEE Guide for Acceptance and Maintenance of Less-Flammable Hydrocarbon Fluid in Transformers	McShane	C. P.	1998 12/31/2009		Approved Was to be administratively withdrawn in Dec., 2004 Insulating Fluids Subcommittee decided on 10/17/2007 to withdraw this standard. However in 2008 Reaffirmation ballot in July; currently in Resolution	
C57.146	Guide for Interpretation of Gasses Generated in Silicone-Immersed Transformers	Bartley	W. H.	2005 12/31/2010		Approved D3a - approved by RevCom on 9/21/05. Published 3/10/2006	
C57.147 PC57.147	Guide for Acceptance and Maintenance of Natural Ester Fluids in Transformers	McShane	C. P.	12/31/2013	12/10/2003 12/31/2007	Approved 1st Ballot closed - 98% approval rating. Approved by Early Consideration May 14, 2008 Published July 2008	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	INSULATING FLUIDS <i>McNelly S.J.</i>	(612) 330-6904 sjmcnelly@ieee.org				
IEEE 637 PC57.637	IEEE Guide for the Reclamation of Insulating Oil and Criteria for Its Use	Thompson J. A. (605) 534-3571 serve1@svtv.com	1985 12/31/2012	12/10/2008 12/31/2012	Approved - Reaffirmed - Active PAR for Revision Reaffirmation approved by SA Board 9/27/2007 PAR for revision approved Dec 10 2008 New PAR number assigned: PC57.637	

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SubCommittee Chair	INSULATION LIFE <i>Platts D. W.</i>	(610) 774-4686 donplatts@ieee.org				
PC57.145	Guide for the Definition of Thermal Duplicate Liquid-Immersed Distribution, Power, and Regulating Transformers	Beaster B. L. (601) 422-1302 blbeaster@ieee.org	0	06/25/1998 12/31/2004	PAR Withdrawn Previously P1524 Modified PAR to expire in 2004 PAR administratively withdrawn in December, 2004	
C57.100 PC57.100	IEEE Standard Test Procedure for Thermal Evaluation of Liquid-Immersed Distribution and Power Transformers	Wicks R. C. (804) 383-3300 roger.c.wicks@usa.dupont.com	1999 12/31/2008	12/08/2004 12/31/2010	Approved - Active PAR for Revision Requested PAR for revision on 10/18/2004. PAR approved 12/8/2004 PAR Extension Request granted until Dec 2010	
C57.119	IEEE Recommended Practice for Performing Temperature Rise Tests on Oil Immersed Power Transformers at Loads Beyond Nameplate Ratings	Tuli S. C. (262) 547-0123 x1428 subhash.tuli@waukeshaelectric.spx.com	2001 12/31/2013		Approved Previously IEEE 838. Published 3/12/2002. Reaff approved 03/28/08	
C57.91 PC57.91	IEEE Guide for Loading Mineral-Oil-Immersed Transformers	Raymond T. (518) 884-0297 tc.raymond@ieee.org	1995 12/31/2009	05/02/2005 12/31/2009	Approved - Active PAR for revision Combined C57.91-1981, C57.92-1981 & C57.115-1991 Reaffirmation approved 6/23/2004 New PAR for revision approved 5/2/2005. Revision to include Corr. 1	
C57.91-1995/Co	IEEE Guide for Loading Mineral-Oil-Immersed Transformers--Corrigendum 1	Pierce L. W. (706) 235-1805 piercelw@aol.com	2002 12/31/2007	12/31/2009	Approved - Active PAR for Revision In conjunction with C57.91 - reaffirmed in 6/2004. Currently under revision	
IEEE 1276	IEEE Guide for the Application of High-Temperature Insulation Materials in Liquid-Immersed Power Transformers	Franchek M. A. (802) 751-3539 mfranchek@weidmann-systems.com	1997 12/31/2011		Approved Upgrade from trial use to full use on 3/30/2000 Reaffirmation approved by SA Board in 3/30/2006	
IEEE 1538	IEEE Guide for Determination of Maximum Winding Temperature Rise in Liquid Filled Transformer	Platts D. W. (610) 774-4686 donplatts@ieee.org	2000 12/31/2010		Approved Original approval in 2000. Reaffirmed in 2005.	
PC57.154 PC57.154	Std for the Design, Testing and App of Liquid-Immersed Transformers Using High-Temperature Insulation	Marek R. P. (804) 383-2376 Richard.P.Marek@usa.dupont.com		03/19/2009 12/31/2013	New Project - Active PAR Std under development PAR approved by NESCOM Mar 2009	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	PERFORMANCE CHARACTERISTICS Antosz S.	(412) 498-3916 santosz@ieee.org				
PC57.133	Guide for Short-Circuit Testing of Distribution and Power Transformers	Fortin M. 450-922-0925 fortin.marcel@ieee.org		03/04/2005 12/31/2009	Active PAR for revision of SC Test Guide New PAR for revision approved on 2/22/05. PAR Extension Request granted until Dec 2010	
PC57.142	A Guide To Describe The Occurrence And Mitigation Of Switching Transients Induced By Transformer-Breaker Interaction	Ballard D. E. (828) 464-1093 donb@twave.net		05/07/2007 12/31/2011	New Project - Active PAR Std under development PAR extension granted 9/23/2004 - new expiration @2006 Balloted in 2005 -many negatives PAR extended to 2011 Balloted again Feb 2009; 91% approval; now in Ballot Resolution	
PC57.149	Guide for the Application and Interpretation of Frequency Response Analysis for Oil Immersed Transformers	Sweetser C.L. (617) 393-2966 csweetser@dobble.com		06/24/2004 12/31/2010	New Project - Active PAR PAR approved by NesCom 6/23/2004 PAR Extension Request Approved Sept 08 to 12/31/2010	
C57.105	IEEE Guide for Application of Transformer Connections in Three-Phase Distribution Systems	Reitter G. J. (650) 508-2850 greitter@deltastar.com	1978 12/31/2013		Approved Was to be administratively withdrawn in Dec., 2004. Reaffirmation approved 03/28/08	
C57.109	IEEE Guide for Liquid-Immersed Transformers Through-Fault-Current Duration	Patel B. K. (205) 987-8012 bkpatel8012@charter.net	1993 12/31/2013		Approved Reaffirmation ballot invitation opened Oct 2005. Extension approved to 12/31/2007 Reaff Recirc ballot closed 2/23/08. Reaff approved 03/28/08	
C57.110 PC57.110	IEEE Recommended Practice for Establishing Transformer Capability When Supplying Nonsinusoidal Load Currents	Marek R. P. (804) 383-2376 Richard.P.Marek@usa.dupont.com	1998 12/31/2013	11/18/2004 12/31/2008	Approved Revision approved 03/28/08 Revision published 8/15/08	
C57.123 PC57.123	IEEE Guide for Transformer Loss Measurement	TenNenhuis E.G. (519) 837-4691 ed.g.tenenhuis@ca.abb.com	2002 12/31/2011	02/20/2007 12/31/2011	Approved - Active New PAR for revision Ref Std. IEEE 1098 Revision ballot pool formed. Ballot closed Dec 2008 Delay due to Dual Logo process	
C57.18.10	IEEE Standard Practices and Requirements for Semiconductor Power Rectifier Transformers	Kennedy S. P. (716) 896-6500 skennedy@niagaratransformer.com	1998 12/31/2014		Approved Replaced C57.18-1964 pool cathode mercury-arc rectifiers. New PAR for Amendment approved 2/22/05 Amendment approved March 28/08 Reaffirmation Ballot approved by SB Jan 2009	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee Chair	PERFORMANCE CHARACTERISTICS <i>Antosz S.</i>	(412) 498-3916 santosz@ieee.org			
C57.21	IEEE Standard Requirements, Terminology, and Test Code for Shunt Reactors Rated Over 500 kVA	Dudley R. F. (416) 298-8108 richardd@ca.trenchgroup.com	2008 12/31/2013		Approved Reaffirmation approved on 6/23/2004. Balloted in 2007 Recirc ballot closed 1/6/2008 Approved by SB 03/21/08 Published 8/1/2008
IEEE 32 PC57.32	IEEE Standard Requirements, Terminology, and Testing Procedures for Neutral Grounding Devices	Schappell S. M. (919) 580-3240 schappell@ieee.org	1972 12/31/2009	12/11/2002 12/31/2009	Approved - Active PAR for revision Dec. 2002 - Sponsor changed from PES/SPD to PES/TR PAR to revise PC57.32 approved 2002 to expire on 12/31/2006. PAR - expiration date extended to 12/31/2009

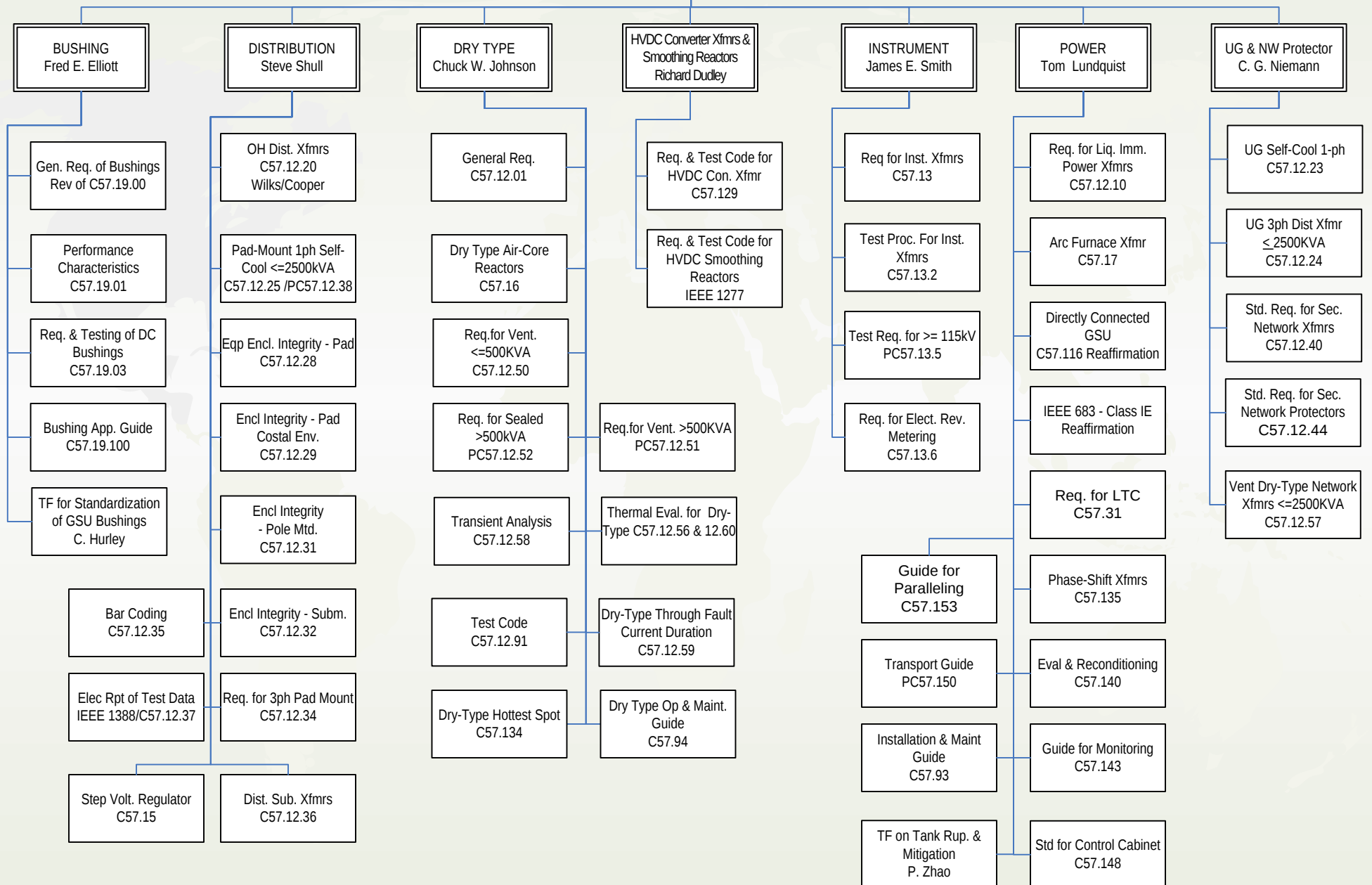
STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	POWER TRANSFORMERS Lundquist T.	(602) 236-8617 tom.lundquist@ieee.org				
PC57.12.10	Standard Requirements for Liquid-Immersed Power Transformers	Hoffman G. (973) 621-6600 grhoffman@advpowertech.com	1997	06/13/2002 12/31/2010	New Project - Std under development Formerly NEMA/ANSI document. PAR modification approved 9/11/09 + extension granted to Dec 2010	
PC57.143	Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components	Chu D. (212) 460-3456 chud@coned.com		03/21/2002 12/31/2010	New Project - Active PAR Std under developemnt PAR extension requested approved on 12/5/2006. Ballot pool opened Mar 3; closes April 2 '09	
PC57.148	Standard for Control Cabinets for Power Transformers	Watson J.D. (561) 691-2206 joe_watson@ieee.org		02/27/2004 12/31/2010	New Project - Active PAR Std under development PAR Extension Request granted in Sept 08, until 12/31/2010	
PC57.150	Guide for the Transportation of Large Power Transformers and Reactors	Anderson G. W. (402) 680-1111 gwanderson@ieee.org		11/18/2004 12/31/2010	New Project - PAR approved in Nov. 2004 PAR approved by NesCom in 11/18/2004 PAR Extension Request Approved Dec 08 to 12/31/2010	
PC57.153	Transformer Paralleling Guide	Jauch E.T. (727) 866-0632 jauch@ieee.org		03/27/2008 12/31/2012	New Project - Active PAR PAR approved 3/27/08	
PC57.17	Standard Requirements for Arc Furnace Transformers	Corsi D. (330) 875-3333 dom.corsi@sdmyers.com		03/22/2007 12/31/2011	NEW PAR for revision PAR for revision of old ANSI Std approved Mar 22/08.	
C57.116	IEEE Guide for Transformers Directly Connected to Generators	Raymond T. (518) 884-0297 tc.raymond@ieee.org	1989 12/31/2010		Approved Reaffirmation approved in Dec. 2005	
C57.117	IEEE Guide for Reporting Failure Data for Power Transformers and Shunt Reactors on Electric Utility Power Systems	Binder, Jr. W. B. (724) 654-3839 wbbinder@aol.com	1986 12/31/2006		Approved Previously IEEE 786-1986, original approval date 6/19/1986 Reaffirmation ballot pool formed. Need WG Chair	
C57.120	IEEE Loss Evaluation Guide for Power Transformers and Reactors	Lau M. Y. (604) 528-3201 mike.lau@bchydro.bc.ca	1991 12/31/2011		Approved Ref Std. 842 Reaffirmation approved by RevCom 6/8/2006.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	POWER TRANSFORMERS <i>Lundquist T.</i>	(602) 236-8617 tom.lundquist@ieee.org				
C57.125	IEEE Guide for Failure Investigation, Documentation, and Analysis for Power Transformers and Shunt Reactors	Binder, Jr. W. B. (724) 654-3839 wbbinder@aol.com	1991 12/31/2010		Approved Std reaffirmed 5/10/2005	
C57.131 PC57.131	IEEE Standard Requirements for Load Tap Changers	Henning W. R. (262) 547-0121 whenning@ieee.org	1995 12/31/2007	05/15/2003 12/31/2009	Approved - Active PAR for Revision PAR to Revise IEEE Std C57.131-1995 PAR extension approved in 2007 until 12/31/2009	
C57.135 PC57.135	IEEE Guide for the Application, Specification and Testing of Phase- Shifting Transformers	Sim H. J. (919) 580-3234 jin.sim@ieee.org	2001 12/31/2011	02/20/2007 12/31/2011	Approved - Active PAR for Revision Approved for IEEE/IEC Dual Logo Dec. 2005 - IEC 62032 Ed. 1	
C57.140	Evaluation and Reconditioning of Liquid Immersed Power Transformers	James R.I. (504) 576-6246 r.james@ieee.org	2006 12/31/2010		Approved Approved by RevCom 11/16/2006	
C57.93 PC57.93	IEEE Guide for Installation of Liquid-Immersed Power Transformers	Lau M. Y. (604) 528-3201 mike.lau@bchydro.bc.ca	2008 12/31/2013		Approved Rev of ASA C57.93-1958, IEEE Std C57.12.11-1980, & C57.12.12-1980 Previous version IEEE Std C57.93-1995, reaffirmed in 2001. RevCom approved on 12/4/07 - published 3/31/08	
IEEE 638 P638	IEEE Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations	Swinderman C. (724) 778-5234 craig.swinderman@meppi.mea.com	1992 12/31/2011	06/07/2007 12/31/2011	Approved - Active - with errata dated 4/7/1999 Reaffirmation approved by SA Board 3/30/2006. New PAR for revision approved 6/7/2007.	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	STANDARDS Bartley W. H.	(860) 722-5483 william_bartley@hsb.com				
C57.12.00 PC57.12.00	IEEE Standard General Requirements For Liquid-Immersed Distribution, Power, and Regulating Transformers	Kim D. (626) 302-8049 dong.kim@sce.com	2006 12/31/2011	06/07/2007 12/31/2011	Approved - New PAR Active Previous revision approved September, 2006. Published 2/28/2007. New PAR approved on 6/7/2007 for 2008 revision; Ballot opened Sept 30,'08 closed Oct 30 '08 Currently in Resolution	
C57.12.70 PC57.12.70	IEEE Standard Terminal Markings and Connections for Distribution and Power Transformers	Shull S. (417) 625-6110 sshull@empiredistrict.com	2000 12/31/2011	05/07/2007 12/31/2011	Approved - Active PAR for Revision Reaffirmation approved by RevCom 3/30/2006. Published 3/16/2001. New PAR for revision approved by SA Board 5/7/2007	
C57.12.80 PC57.12.80	IEEE Standard Terminology for Power and Distribution Transformers	Chiu B. 626-302-7313 bill.chiu@sce.com	2002 12/31/2007	06/12/2008 12/31/2012	Approved - Active PAR Amendment PAR approved 2005 PAR for Amendment withdrawn June 2008 PAR for Revision approved June 2008 until December 2012 Ballot closes April 4th 2009	
C57.12.90 PC57.12.90	IEEE Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers	Antosz S. (412) 498-3916 santosz@ieee.org	2006 12/31/2011	05/07/2007 12/31/2011	Approved - New PAR active for next revision Previous revision approved 9/15/2006 /Published 2/15/2007 New PAR active for 2008 revision; Ballot closed Oct 30 08 Resolution acheivedd and Recirc Ballot closed Mar 27 09	
C57.144	Guide for Metric Conversion of Transformer Standards	Olson T. (204) 474-4080 tolson@hydro.mb.ca	2004 12/31/2009		Approved Published 10/22/2004	
IEEE 62 PC57.152	IEEE Guide for Diagnostic Field Testing of Power Apparatus - Part 1: Oil Filled Power Transformers, Regulators, and Reactors	Verner J. A. 202 872-2812 javerner@pepco.com	1995 12/31/2010	05/19/2008 12/31/2012	Approved Reaffirmation was approved on 3/19/05. New WG formed to revise document on a continuous basis New PAR number assigned: PC57.152 PAR approved 5/19/08	

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark	10/18/2009
SubCommittee Chair	UNDERGROUND TR & NW PROTECT Niemann C. G.	(847) 683-2145 carlpumco@sbcglobal.net				
C57.12.23	IEEE Standard for Underground Type, Self-Cooled, Single-Phase Distribution Transformers with Separable Insulated High-Voltage Connectors; High Voltage 25kV and Below; Low Voltage 600V and Below	Traut A. (859) 879-2912 alant@kuhlman.com	2002 12/31/2014		Approved - Approved by SB March 2009	
C57.12.24 PC57.12.24	Requirements for Transformers - Underground-Type, Three Phase Distribution Transformers: High Voltage (34 500 GrdY/19 920 V and Below) and Low Voltage (480V and Below, 2500 kVA and Smaller	Termini G. (610) 941-1524 giuseppe.termini@peco-energy.com	2000 12/31/2014		Approved - Active Existing standard withdrawn by IEEE on 1/15/2001. New std Approved 6/17/09	
C57.12.40 PC57.12.40	Standard for Requirements for Secondary Network Transformers - Subway and Vault Types (Liquid Immersed)	Klaponksi B. (204) 633-7220 brian.klaponksi@carte.ca	2006 12/31/2011	03/27/2007 12/31/2011	Approved - New PAR for Revision Active D4 approved by RevCom 3/30/3006. Standard Published 9/15/2006. New PAR approved 3/27/2007	
C57.12.44 PC57.12.44	IEEE Standard Requirements for Secondary Network Protectors	Mulkey D. H. (415) 973-4699 DHM3@PGE.COM	2005 12/31/2010		Approved PC57.12.44/D2.1 approved by RevCom in December 2005. Published 6/07/2006 Previous revision in 2000.	
C57.12.57 NONE	Requirements for 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/125 Volts	Robinson A. L. (361) 289-4001 alrobinson@aep.com	1992 12/31/2000		Standard withdrawn in 2001 Existing standard withdrawn by IEEE on 1/15/2001. No longer endorsed by IEEE. New working group formed to address revision. Need new PAR.	

IEEE/PES Transformers Committee - Activity Organization Chart
Chair: Tom Prevost
Vice Chair: J. Ed Smith Secretary: Bill Chiu Std. Coordinator: Bill Bartley



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