



Standards Report

To: Members of IEEE Transformers Committee
From: Bill Bartley, Standards Coordinator
Date: April 1, 2009
Re: Transformer Standards Activity since October, 2008

Executive Summary

This report covers the Standards activity for the six-month period of October 1 2008 to April 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 Revision and two Reaffirmations were approved by REVCOM. In addition, REVCOM extended four of our standards, due to work in progress. In the last six months, NESCOM approved one PAR for a new standard, one PAR for a revision /amendment, three PARs modifications, and three PAR extensions. We have seventeen standards which may expire at the end of this year; and we have fifteen PAR's which may expire at the end of this year.

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I. Standards News

Procedural Change – IEEE requires evidence of consideration

The IEEE has implemented a change in the ballot process. Every WG Chair is now required to record a response in the Comment Resolution spreadsheet for each and every Comment on the Ballot. Any comments received during the final round of ballot must have a response added in the system. This does not necessarily require a recirculation, simply a response. This response is required to satisfy the evidence of consideration requirement.

In addition, if there are negative comments received during that final ballot, there are additional steps required. If your working group has declared these comments as "Out of Scope" or "Pile-On Comments to a previously submitted comment in myBallot" an email indicating this declaration must be sent to the balloter. This email must contain no disclaimer language (typically found at the bottom of corporate emails) and this email shall be included in the RevCom submittal package.

2009 Style Manual – The new "2009 *IEEE Standards Style Manual*" is now available for downloading on IEEE Standards website at the following URLs:

2009 Style Manual (PDF): http://standards.ieee.org/guides/style/2009_Style_Manual.pdf

A Style Manual with all the **changes highlighted** is also available at:

http://standards.ieee.org/guides/style/2009_Style_Manual_Highlighted.pdf

The HTML version of the *IEEE Standards Style Manual* is no longer available.

IEEE copyright permission letters have been modified in 2009, and are shown in Annex D of the 2009 *IEEE Standards Style Manual*. Copyright permission request letters and response letters are

given for material excerpted without change and for material that is excerpted and modified. The copyright permission request letters and response letters for both types are available as form letters. The form letters should be used to request copyright permission and to grant permission for use of copyrighted material in IEEE drafts.

II. NESCOTM Recommendations

NEW PARs approved

PC57.154 Std for Design, Testing & App of Transformers with High-Temp Insulation (March)

PARs for the Revisions of Standards

PC57.12.37a Std for Electronic Reporting of Dist Transformer Test Data - Amendment: to add Efficiency Fields

PAR Modifications

C57.123 Guide for Transformer Loss Measurement *Approved modified PAR until December 2011*

C57.142 Guide to Describe the Occurrence and Mitigation of Switching Transients
Approved modified PAR until December 2011

C57.12.90 Std Test Code for Liquid Distribution, Power, and Regulating Transformers
Approved modified PAR until December 2011

PAR Extension Requests

C57.12.10 Standard Requirements for Liquid-Immersed Power Transformers
Approved an extension until December 2009

C57.100 Standard Test Procedure for Thermal Evaluation of Insulation Systems
Approved an extension until December 2010

C57.150 Guide for the Transportation of Transformers & Reactors >10MVA
Approved an extension until December 2010

PARs EXPIRING December 31, 2009

Number	Title
P1277	General Requirements & Test Code for Smoothing Reactors
PC57.12.10	Std Requirements for Liquid-Immersed Power Transformers
PC57.12.34	Std for Pad-Mounted Transformers, 3Ph, 5 MVA and Smaller;
PC57.12.38	Std for Padmounted Transformers; 1ph, 167 kVA and smaller,
PC57.12.60	Std Test Procedure for Thermal Evaluation of Insulation Systems for Dry Type
PC57.13.5	Std of Performance & Test Requirements for Instrument Transformers > 115 kV
PC57.15	Std Requirements, Terminology & Test Code for Step-Voltage Regulators
PC57.32	Std Requirements, Terminology & Test for Neutral Grounding Devices (old IEEE 32)
PC57.91	Guide for Loading Liquid Immersed Transformers and Voltage Regulators
PC57.98	Guide for Transformer Impulse Tests
PC57.130	Trial-Use Guide for Dissolved Gas Analysis During Factory Temperature Rise Tests
PC57.131	Std Requirements for Tap Changers
PC57.133	Guide for Short-Circuit Testing of Distribution and Power Transformers
PC57.139	Guide for Dissolved Gas Analysis in Transformer Load Tap Changers
PC57.151	Sound Level Measurement Guide for Transformers and Reactors

III. REVCOM Recommendations

NEW Transformer Standards Approved - none

Revisions Approved

PC57.12.23 Standard for Submersible Single-Phase Transformers \geq 167 kVA (March '09)

Reaffirmations Approved

C57.18.10 (and C57.18.10a-2008) Standard Practices & Requirements for Semiconductor Power Rectifier Transformers

C57.111 Guide for Acceptance of Silicone Fluid & Its Maintenance in Transformers

RevCom Standards Extended

C57.100 Test Procedure for Thermal Evaluation of Liquid-Immersed Transformers
Extended until the expiration of the PAR – Dec 2010

C57.121 Guide for Acceptance & Maintenance of Less-Flammable Hydrocarbon Fluids
 Extended until December **2009**.
(A reaffirmation ballot closed in July 2008 - has there been any activity ???)

C57.124 Recommended Practice for Partial Discharge and Apparent Charge in Dry-Type Transformers
 Extended until December **2009**.
(First reaffirmation ballot closed March 11 '09... currently in ballot resolution.)

Transformer Standards that are Expiring at end of 2009

Standard #	Description	SubComm
32 (or PC57.32)	Std Req, Term, and Test for Neutral Grounding Devices	PerfCharac
259	Evaluation of Systems of Insulation for Dry-Type	Dry Type
1277	Req. & Test Code for HVDC Smoothing Reactors	HV Conv
C57.12.34	Req for Pad-Mounted Transformers, 3Ph, 5 MVA & Smaller	Dist
C57.12.56	Thermal Evaluation of Ins. Systems for Ventilated Dry-Type	Dry Type
C57.12.60	Thermal Evaluation of Ins. Systems for Solid Cast & Resin	Dry Type
C57.19.00	Gen'l Req & Test Procedure for Power Apparatus Bushings	Bushing
C57.91-	Guide for Loading Mineral-Oil-Immersed Transformers	Life
C57.96	Guide for Loading Dry-Type Dist and Power Transformers	Dry Type
C57.98	Guide for Transformer Impulse Tests	Diel Test
C57.131	Standard Requirements for Load Tap Changers	Power
C57.144	Guide to Metric Conversion of Transformer Standards	Standards

Note: Some of these have no PAR or Ballot in progress

IV. 2009 Standards Board Meeting Schedule

Standards Bd Meeting	DEADLINE for Submissions
March 17-19	February 6 2009
June 15-17	May 7, 2009 <<next
September 9-11	July 31, 2009
December 7-9	19 October 2009

2009

IEEE Standards Association Administrative Meetings Schedule

JANUARY	JULY
	16 - RAC - San Francisco, CA
FEBRUARY	AUGUST
10-15 IEEE BoD Series - San Juan	10-14 CAG - China (exact dates TBD)
23 Bus Dev / Int'l Ad-Hocs - Piscataway	SEPTEMBER
24 BoG Meeting - Piscataway	9-11 SidsBd/Cmte Mtgs - Piscataway
25 BoG Meeting - Piscataway	OCTOBER
MARCH	NOVEMBER
2-6 CAG - India	15-23 IEEE BoD Series - New Brunswick
17-19 SidsBd/Cmte Mtgs - Piscataway	DECEMBER
APRIL	01 CAG - Piscataway, NJ
	02 CAG (AM) - Piscataway, NJ
MAY	02 Int'l Ad-Hoc (PM) - Piscataway
	03 Int'l Ad-Hoc (AM) - Piscataway
	03 Bus.Dev Ad-Hoc (PM) Piscataway
JUNE	04 BoG Meeting - Piscataway
01-05 CAG - France (exact dates TBD)	05 BoG Meeting - Piscataway
10 Int'l Ad-Hoc - Japan	06 Awards Ceremony - New Brunswick, NJ
11 Bus Dev. Ad-Hoc - Japan	07-09 SidsBd/Cmte Mtgs - Piscataway
12-13 BoG Meeting - Japan	
15-17 SidsBd/Cmte Mtgs - Japan	
23-28 IEEE BoD Series - Los Angeles	

*Deadline for NetCom/RevCom Submissions:
 6 February
 7 May
 31 July
 19 October

NetCom and RevCom both occur on the second day of the SASB meetings

Revised 28 August 2008



V. Transformer Committee Ballot Status (as of April 1, 2009)

SubComm	PAR or Standard #	Ballot Status	Notes
Std. WG	PC57.12.00	Ballot closed Oct 30 - in resolution	PAR exp Dec 2011
PwrTrans	PC57.12.10	Ballot invitation closed Nov 2008 - ACTIVITY?	expires 12/31/2009
UG	C57.12.23	Revision Approved by SB Mar 19 2009	
UG	PC57.12.24	Ballot closed Oct 9 '08 - in resolution	PAR exp Dec 2011
Dist	PC57.12.38	Recirc #2 ballot closed Feb 25 '09 - in resolution	PAR exp Dec 2009
DryType	C57.12.51	Revision Approved by SB Sept 2008	
DryType	C57.12.58	Reaff Approved by SB - Sept 2008	
Stds	PC57.12.80	Revision Ballot closes April 4 '09	PAR exp Dec 2012
Stds	PC57.12.90	Recirc ballot closes April 5 '09	PAR exp Dec 2011
Instrument	PC57.13.5	Revision Ballot closes April 5 '09	expires 12/31/2009
Dist	PC57.15	Ballot closed Feb 25 '09 - in resolution	expires 12/31/2009
PerfCharac	C57.18.10	Reaff Approved by SB - Jan 2009	
InsFluid	C57.111	Reaff Approved by SB - Mar 2009	
Dielectric	PC57.113	Ballot closed Mar 26 '09 - in resolution	PAR exp Dec 2011
InsFluid	C57.121	Ballot closed July 2008 - NO ACTIVITY ??	expires 12/31/2009
PerfCharac	PC57.123	Ballot closed Dec 2008 - in resolution	PAR exp Dec 2011
DryType	C57.124	Reaff Ballot closed Mar 11 - in resolution	expires 12/31/2009
PerfCharac	PC57.142	Ballot closed Feb 7 '09 - in resolution	PAR exp Dec 2011

VI. Transformer Committee - Active PARsas of April 1, 2009

PAR Number	Title	Expiration
P638	Std for Qualification of Class 1E Transformers for Nuclear Power Generating Stations	Dec 2011
P1277	General Requirements and Test Code for Smoothing Reactors for DC Power Transmission	Dec 2009
PC57.12.00	Std General Requirements for Liquid-Immersed Distribution, Power, and Reg Transformers	Dec 2011
PC57.12.10	Std Requirements for Liquid-Immersed Power Transformers	Dec 2009
PC57.12.20	Std for Overhead Transformers, 500 kVA and Smaller:	Dec 2010
PC57.12.24	Std for Submersible, 3-Ph Transformers, 3750 kVA and Smaller:	Dec 2011
PC57.12.30	Std for Pole-Mounted Equipment - Enclosure Integrity for Coastal Environments	Dec 2011
PC57.12.31	Std for Pole Mounted Equipment - Enclosure Integrity	Dec 2011
PC57.12.34	Std for Pad-Mounted Transformers, 3Ph, 5 MVA and Smaller; 34.5kV / 15kv and Below	Dec 2009
PC57.12.37a	Electronic Reporting of Dist Transformer Test Data - AMENDMENT to Include Efficiency	Dec 2013
PC57.12.38	Std for Padmounted Transformers; 1ph, 167 kVA and smaller,	Dec 2009

Transformer Committee Active PARs - Continued		
PAR Number	Title	Expiration
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
PC57.12.60	Std Test Procedure for Thermal Evaluation of Insulation Systems for Dry Type	Dec 2009
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
PC57.13.5	Std of Performance and Test Requirements for Instrument Transformers > 115 kV	Dec 2009
PC57.15	Std Requirements, Terminology, and Test Code for Step-Voltage Regulators	Dec 2009
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>	Dec 2009
PC57.91	Guide for Loading Liquid Immersed Transformers and Voltage Regulators	Dec 2009
PC57.98	Guide for Transformer Impulse Tests	Dec 2009
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
PC57.130	Trial-Use Guide for Dissolved Gas Analysis During Factory Temperature Rise Tests	Dec 2009
PC57.131	Std Requirements for Tap Changers	Dec 2009
PC57.133	Guide for Short-Circuit Testing of Distribution and Power Transformers	Dec 2009
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	Dec 2009
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	Dec 2009
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

IEEE/PES TRANSFORMERS COMMITTEE
Status Report of PE/TR Standards

April 2009
Miami FL

04/02/2009

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
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
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 REVISION
C57.19.01	IEEE Standard Performance Characteristics and Dimensions for Outdoor Apparatus Bushings	Koenig E. (313) 343-0077	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
SubCommittee Chair	DIELECTRIC TESTS <i>Wagenaar L. B.</i>	(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
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
SubCommittee Chair	DISTRIBUTION TRANSFORMERS <i>Hanus K. S.</i>	(817) 215-4444 ken.hanus@ieee.org			
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.
C57.12.25 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	12/31/2009	08/11/2005 12/31/2009	Approved - Active PAR for revision Original PAR PC57.12.25 administratively withdrawn on 12/7/04 NesCom Meeting. New PAR PC57.12.38 approved 05. PAR modified 2006, approved to Dec 2009. 1st ballot completed 9/28/2007 2nd Recirc ballot closed Feb 8 '09
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

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee Chair	DISTRIBUTION TRANSFORMERS <i>Hanus K. S.</i>	(817) 215-4444 ken.hanus@ieee.org			
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	2007 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.
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
C57.15 PC57.15	IEEE Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators	Colopy C. A. (262) 896-2342 ccolopy@cooperpower.com	1999 12/31/2009	06/09/2005 12/31/2009	Approved - Active PAR for Revision A new PAR was approved 6/9/05 due to scope changes. Original PAR withdrawn. Ballot closed Feb 25 2009 Now in ballot resolution

STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee Chair	DRY TYPE TRANSFORMERS <i>Johnson, Jr. C. W.</i>	(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	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
SubCommittee Chair	DRY TYPE TRANSFORMERS <i>Johnson, Jr. C. W.</i>	(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 richardd@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 <i>Dudley R. F.</i>	(416) 298-8108 richardd@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 richardd@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 richardd@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 PC57.13.5	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	2006 12/31/2009	12/07/2005 12/31/2009	Approved - Active PAR for Revision Reference Std. 1400 Previously C57.13.5 was a trial use Upgraded to Full Use 3/30/2006 Ballot for Revision closes April 4 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

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SubCommittee Chair	INSULATING FLUIDS <i>Ladroga R. K.</i>	(617) 393-3133 rladroga@doble.com			
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. (617) 393-3133 rladroga@doble.com		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. (916) 455-2284 fjakob@weidmann-acti.com		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. (617) 393-3133 rladroga@doble.com	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. (605) 534-3571 serve1@svtv.com	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. (617) 393-3133 rladroga@doble.com	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. (262) 524-4591 cpmcshane@cooperpower.com	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. (860) 722-5483 william_bartley@hsb.com	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. (262) 524-4591 cpmcshane@cooperpower.com		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
SubCommittee Chair	INSULATING FLUIDS <i>Ladroga R. K.</i>	(617) 393-3133 rladroga@doble.com			
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
SubCommittee Chair	PERFORMANCE CHARACTERISTICS <i>Girgis R. S.</i>	(314) 679-4803 rams@us.abb.com			
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@doble.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>Girgis R. S.</i>	(314) 679-4803 ramsis.girgis@us.abb.com			
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

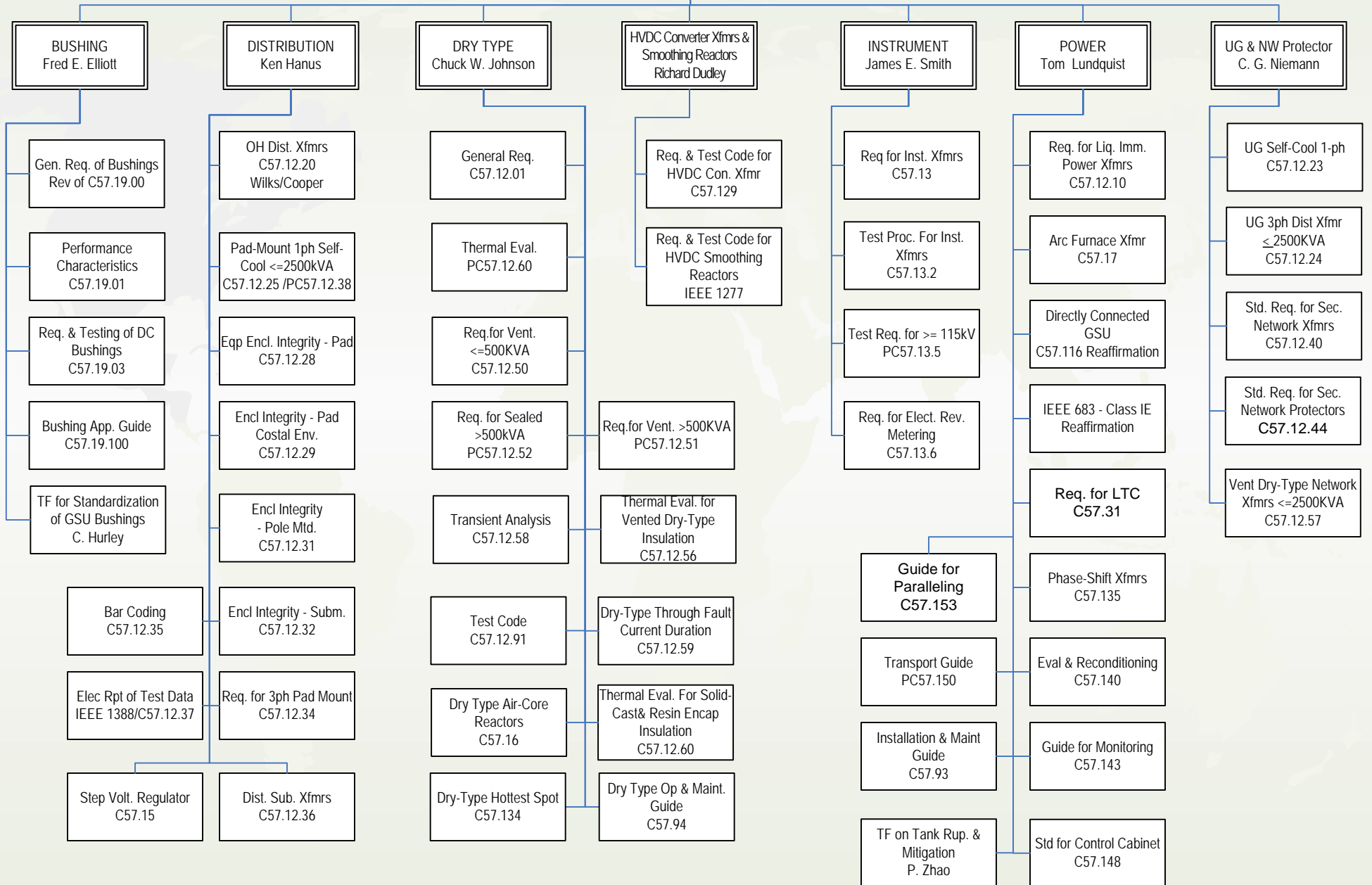
STANDARD PROJECT	TITLE	Working Group Chair Phone Email	Pub Year Rev Due Date	PAR Issue Date PAR Expiration	Standard Status Remark
SubCommittee Chair	POWER TRANSFORMERS <i>Lundquist T.</i>	(602) 236-8617 tom.lundquist@ieee.org			
PC57.12.10	Standard Requirements for Liquid-Immersed Power Transformers	Arteaga J. (601)422-1920 javier.arteaga@ieee.org	1997	06/13/2002 12/31/2009	New Project - Std under development Formerly NEMA/ANSI document. PAR extension request granted by NesCom to 12/31/2009.
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@smyers.com		03/22/2007 12/31/2011	NEW PAR for revision PAR for revision of old ANSI Std apporved 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
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.me.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
SubCommittee Chair	STANDARDS <i>Bartley W. H.</i>	(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 achieved 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

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SubCommittee Chair	UNDERGROUND TR & NW PROTECT <i>Niemann C. G.</i>	(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 12/31/2011	02/20/2007 12/31/2011	Standard withdrawn in 2001 Existing standard withdrawn by IEEE on 1/15/2001. No longer endorsed by IEEE. New Ballot closed Oct 9, 2008 currently in Ballot Resolution
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 Voltas 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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 Chair: Tom Prevost
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