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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE 2: ROTATING MACHINERY

Cross reference Table for TC 2 Publications (Status 2019-09)

Dear Members,

Please find enclosed a cross reference table for TC 2 prepared by Bernd Ponick. This gives information about the contents of TC 2 standards and the current status of document in the work programme.

Please note this document will supersede the document 2/1920/INF that circulated on 2018-07-13.

Dr Charles Whitlock
Secretary to IEC/TC 2.

Annex

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TC2- Cross Reference Table for Standards on Rotating Machinery				<i>for information only</i>		updated 2019-09-30	2WG12(Secretary)123
	Low voltage induction machines	High voltage induction machines	Synchronous machines (excluding generators driven by steam or gas turbines and PM machines)	Synchronous generators driven by steam or combustion gas turbines	PM synchronous machines	DC machines	AC commutator machines
Operating conditions							
Site operating conditions	60034-1, 6.	60034-1, 6.	60034-1, 6.	60034-1, 6.	60034-1, 6.	60034-1, 6.	60034-1, 6.
Storage and transport	60034-1, 6.6	60034-1, 6.6	60034-1, 6.6	60034-1, 6.6	60034-1, 6.6	60034-1, 6.6	60034-1, 6.6
Electrical operating conditions	60034-1, 7.	60034-1, 7.	60034-1, 7.	60034-1, 7 + 60034-3, 4.6	60034-1, 7.	60034-1, 7.	60034-1, 7.
Requirements on electrical and thermal performance							
Duty	60034-1, 4.	60034-1, 4.	60034-1, 4.	60034-1, 4.	60034-1, 4.	60034-1, 4.	60034-1, 4.
Rating	60034-1, 5.	60034-1, 5.	60034-1, 5.	60034-1, 5 + 60034-3, 4.2-4.5+7.3-7.4	60034-1, 5. + 60034-20-1	60034-1, 5.	60034-1, 5.
Thermal performance	60034-1, 8.	60034-1, 8.	60034-1, 8.	60034-1, 8 + 60034-3, 4.10.1	60034-1, 8.	60034-1, 8.	60034-1, 8.
Temperature rise	60034-1, 8.4 + 8.10	60034-1, 8.4 + 8.10	60034-1, 8.4 + 8.10	60034-1, 8.4+8.10 + 60034-3, 5.3+6.5	60034-1, 8.4 + 8.10	60034-1, 8.4 + 8.10	60034-1, 8.4 + 8.10
Occasional excess current	60034-1, 9.3	60034-1, 9.3	60034-1, 9.3	60034-1, 9.3 + 60034-3, 4.15	60034-1, 9.3	60034-1, 9.3	60034-1, 9.3
Short circuit current	-	-	60034-1, 9.8	60034-1, 9.8 + 60034-3, 4.16+4.19	-	-	-
Harmonic Distortion	-	-	60034-1, 7.2+9.11	60034-1, 7.2+9.11	-	-	-
Effect of unbalanced voltage supply	60034-26	-	-	-	-	-	-
Effects of unbalanced currents	-	-	60034-1, 7.2.3	60034-1, 7.2.3	-	-	-
Requirements on mechanical performance							
Noise limits	60034-9, 6.	60034-9, 6.	60034-9, 6.	-	60034-9, 6.	60034-9, 6.	60034-9, 6.
Mechanical vibration	60034-14	60034-14	60034-14	-	60034-14	60034-14	(60034-14)
Momentary excess torque	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5	60034-1, 9.4 + 9.5
Safe operating speed / Overspeed	60034-1, 9.6 + 9.7	60034-1, 9.6 + 9.7	60034-1, 9.7	60034-1, 9.7 + 60034-3, 4.12+4.13	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7
Starting performance	60034-12	-	-	60034-3, 4.20+7.2.3	60034-20-1	-	-
Short circuit withstand	-	-	60034-1, 9.9	60034-3, 4.16	60034-1, 9.9	-	-
Rating plates, Markings, Electrical Connection							
Rating plates	60034-1, 10.	60034-1, 10.	60034-1, 10.	60034-1, 10. + 60034-3, 7.5	60034-1, 10. + 60034-20-1	60034-1, 10.	60034-1, 10.
Tolerances	60034-1, 12	60034-1, 12	60034-1, 12	60034-1, 12 + 60034-3, 4.19	60034-1, 12	60034-1, 12	60034-1, 12
Terminal markings	60034-8	60034-8	60034-8, esp. 6.5	60034-3, 4.7	60034-8, esp. 6.5 + 60034-20-	60034-8, esp. 6.6	60034-8
Protective Earthing	60034-1, 11.1	60034-1, 11.1	60034-1, 11.1	60034-1, 11.1	60034-1, 11.1	60034-1, 11.1	60034-1, 11.1
Thermal Protection	60034-11	-	-	-	60034-11	60034-11	60034-11
Energy efficiency classes (IE)	60034-30-1 + 60034-30-2	-	60034-30-1 + 60034-30-2	-	60034-30-1 + 60034-30-2	-	-
Mechanical Design							
Terminal box location	60034-7, 3.5 + 60072-1, 4	60034-7, 3.5 + 60072-1, 4	60034-7, 3.5 + 60072-1, 4	60034-7, 3.5	60034-7, 3.5 + 60072-1, 4	60034-7, 3.5 + 60072-1, 4	60034-7, 3.5 + 60072-1, 4
Frames and Flanges	60072-1	60072-2	-	-	60072-3 + 60034-20-1	60072-1	60072-1
Shaft-end keys	60034-1, 11.2	60034-1, 11.2	60034-1, 11.2	60034-1, 11.2	60034-1, 11.2	60034-1, 11.2	60034-1, 11.2
Resilient mounting rings for small motors	60991	-	-	-	60991	60991	60991
Degrees of protection (IP)	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.	60034-5, 4. + 5. + 6.
Methods of cooling (IC)	60034-6	60034-6	60034-6	60034-6 + 60034-3, 5.2	60034-6	60034-6	60034-6
Types of construction (IM)	60034-7	60034-7	60034-7	60034-7	60034-7	60034-7	60034-7
Methods of tests							
Conditions for thermal tests	60034-1, 8.3	60034-1, 8.3	60034-1, 8.3	60034-1, 8 + 60034-3, 7.6	60034-1, 8.3	60034-1, 8.3	60034-1, 8.3
Determination of winding temperature	60034-1, 8.6 ff	60034-1, 8.6 ff	60034-1, 8.6 ff	60034-1, 8.6 ff + 60034-3, 5.3.1+6.6+	60034-1, 8.6 ff	60034-1, 8.6 ff	60034-1, 8.6 ff
Indirect testing of temperature rise	60034-29	60034-29	60034-29	60034-29	60034-29	60034-29	60034-29
Measurement of bearing temperature	60034-1, 8.9	60034-1, 8.9	60034-1, 8.9	60034-1, 8.9	60034-1, 8.9	60034-1, 8.9	60034-1, 8.9
Routine tests	60034-1, 9.1	60034-1, 9.1	60034-1, 9.1	60034-1, 9.1	60034-1, 9.1	60034-1, 9.1	60034-1, 9.1
Losses and Efficiency	60034-2-1, 8.	60034-2-1, 8.	60034-2-1, 9.	60034-2-1, 9.	60034-2-1, 9.	60034-2-1, 7.	60034-2-1
Methods of efficiency test	60034-2-1, 6. + -2-2 + -2-3	60034-2-1, 6. + -2-2 + -2-3	60034-2-1, 7. + -2-2 + -2-3	60034-2-1, 7. + -2-2 + -2-3	60034-2-1, 7. + -2-2 + -2-3	60034-2-1, 8. + 60034-2-2	60034-2-1 + 60034-2-2
Test of degrees of protection	60034-5, 7. ff	60034-5, 7. ff	60034-5, 7. ff	60034-5, 7. ff	60034-5, 7. ff	60034-5, 7. ff	60034-5, 7. ff
Test of noise	60034-9, 5. + 7.	60034-9, 5. + 7.	60034-9, 5. + 7.	(60034-9, 5. + 7.)	60034-9, 5. + 7.	60034-9, 5. + 7.	60034-9, 5. + 7.
Test of mechanical vibration	60034-14, 7.	60034-14, 7.	60034-14, 7.	(60034-14, 7.)	60034-9, 5. + 7.	60034-9, 5. + 7.	60034-9, 5. + 7.
Overspeed test	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7	60034-1, 9.7
Determination of quantities from tests	60034-28	-	60034-4-1	60034-4-1	-	-	-
Short circuit withstand test	-	-	60034-1, 9.10	60034-1, 9.10 + 60034-3, 4.16	-	-	-
Commutation test	-	-	-	-	-	60034-1, 9.10	60034-1, 9.10
Specific tests	-	-	-	-	60034-20-1	60034-19	-
Off-line partial discharge measurements	-	60034-27-1	60034-27-1	60034-27-1	-	-	-
On-line partial discharge measurements	-	60034-27-2	60034-27-2	60034-27-2	-	-	-
Loss tangent of coils and bars	-	60034-27-3	60034-27-3	60034-27-3	60034-27-3	-	-
Static thrust applied to brushes	61015	61015	61015	61015	-	61015	61015

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	Operational characteristics of brushes	60773	60773	60773	-	60773	60773
	Physical properties of brush materials	60413	60413	60413	-	60413	60413
Requirements for Converter Operation							
	Converter supplied standard motors	60034-25, 18	-	-	-	-	-
	Specifically designed converter motors	60034-25	60034-25	60034-25	60034-25	-	-
	Rectifier-fed d.c. motors	-	-	-	-	60034-19	-
Specific requirements							
	Electromagnetic compatibility	60034-1, 13 + Ax. B	60034-1, 13 + Ax. B	60034-1, 13 + Ax. B	-	60034-1, 13 + Ax. B + 60034-60034-1, 14 + 60034-20-1	60034-1, 13 + Ax. B
	Safety	60034-1, 14	60034-1, 14	60034-1, 14	60034-1, 6.7+14. + 60034-3, Am.A	60034-1, 14 + 60034-20-1	60034-1, 14
	Excitation systems	-	-	60034-16	60034-16	-	-
	Refurbishing	60034-23	60034-23	60034-23	60034-23	60034-23	60034-23
	Efficiency classification	60034-30-1, -30-2	-	60034-30-1, -30-2	-	60034-30-1, -30-2	-
	Efficiency optimization	60034-31	-	-	-	60034-31	-
	<i>Explosion protection (TC 31)</i>	<i>60079</i>	<i>60079</i>	<i>60079</i>	<i>60079</i> + 60034-1, 6.2-4	<i>60079</i>	-
	Generator driven by reciprocating internal combustion engine	-	-	60034-22	-	-	-
	Detection and diagnosis of failures	60034-24	60034-24	60034-24	60034-24	-	-
	Brushes and brush holders	60560 + 60778	60560 + 60778	60560 + 60778	-	60136 + 60276 + 60560	60136 + 60276 + 60560
	Commutators and slip rings	60356	60356	60356	-	60356	60356
Insulation systems							
	Impulse voltage withstand level	-	60034-15	60034-15	60034-3, 4.10.2	-	-
	Withstand voltage test	60034-1, 9.2	60034-1, 9.2	60034-1, 9.2	60034-1, 9.2 + 60034-3, 4.10.2	60034-1, 9.2	60034-1, 9.2
	Thermal endurance testing	60034-18-1, -18-21, -18-31	60034-18-1, -18-31	60034-18-1, -18-21, -18-31	60034-18-1, -18-31 + 60034-3, 4.10.1	60034-18-1, -18-21	60034-18-1, -18-21
	Electrical endurance testing	60034-18-1, -18-32	60034-18-1, -18-32	60034-18-1, -18-32	60034-18-1, -18-32	60034-18-1, -18-32	60034-18-1, -18-32
	Combined stress endurance testing	-	60034-18-1, -18-33	60034-18-1, -18-33	60034-18-1, -18-33	-	60034-18-1, -18-33
	Tests for converter fed machines	60034-18-1, -18-41	60034-18-1, -18-42	60034-18-1, -18-41, -18-42	60034-18-1, -18-42	60034-18-1, -18-41	60034-18-1, -18-41, -18-42
	PD measurements under impulse voltage	60034-18-41	-	60034-18-1, -18-41	-	60034-18-41	60034-18-41
	Thermomechanical testing	60034-18-1, -18-34	60034-18-1, -18-34	60034-18-1, -18-34	60034-18-1, -18-34	60034-18-1, -18-34	60034-18-1, -18-34
	Insulation component substitution	60034-18-1	60034-18-1	60034-18-1	60034-18-1	60034-18-1	60034-18-1
Standards published by TC2							
	<i>Standard</i>	<i>Name</i>			<i>Current edition</i>	<i>Maintained by</i>	<i>Maintenance status</i>
IEC	60034-1	Rotating electrical machines - Part 1: Rating and performance			Edition 13.0 (2017-05)	WG12/MT1	Under revision, publication expected for 2022
IEC	60034-2-1	Rotating electrical machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)			Edition 2.0 (2014-06)	WG28	Next revision not before 2022
IEC	60034-2-2	Rotating electrical machines - Part 2-2: Specific methods for determining separate losses of large machines from tests, supplementing Part 2-1			Edition 1.0 (2010-03)	WG28	Next revision not before 2028
IEC	60034-2-3 TS	Rotating electrical machines - Part 2-3: Specific methods for determining losses and efficiency from tests for converter-fed AC machines			Edition 1.0 (2013-11)	WG28	Under revision, publication as TS expected for 2019
IEC	60034-3	Rotating electrical machines - Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines			Edition 6.0 (2007-11)	MT6	Under revision, publication expected for 2020
IEC	60034-4-1	Rotating electrical machines - Part 4-1: Methods for determining electrically excited synchronous machine quantities from tests			Edition 1.0 (2018-04)	WG28	Next revision not before 2028
IEC	60034-5	Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification			Edition 4.1 (2006-11)	MT5	Under revision, publication expected for 2020
IEC	60034-6	Rotating electrical machines - Part 6: Methods of cooling (IC code)			Edition 2.0 (1991-09)	MT5	Next revision not before 2022
IEC	60034-7	Rotating electrical machines - Part 7: Classification of types of enclosures and mounting arrangements (IM code)			Edition 2.1 (2001-02)	MT5	Under revision, publication expected for 2021
IEC	60034-8	Rotating electrical machines - Part 8: Terminal markings and direction of rotation			Edition 3.1 (2014-03)	MT3	Next revision not before 2023
IEC	60034-9	Rotating electrical machines - Part 9: Noise limits			Edition 4.1 (2007-07)	MT2	Under revision, publication expected for 2022
IEC	60034-11	Rotating electrical machines - Part 11: Thermal protection			Edition 2.0 (2004-07)	WG12/MT1	Under revision, publication expected for 2021
IEC	60034-12	Rotating electrical machines - Part 12: Starting performance of single-speed three-phase cage induction motors.			Edition 3.0 (2016-11)	WG12/MT1	Next revision not before 2022

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IEC	60034-14	Rotating electrical machines - Part 14: Mechanical vibration of certain machines - Limits of vibration				Edition 4.0 (2018-08)	MT7	
IEC	60034-15	Rotating electrical machines - Part 15: Impulse voltage withstand levels of rotating a.c. machines with form-wound stator coils				Edition 3.0 (2009-03)	MT10	Under revision, publication expected for 2023
IEC	60034-16-1	Rotating electrical machines - Part 16-1: Excitation systems for synchronous machines - Definitions				Edition 2.0 (2011-05)	MT12	Next revision not before 2028
IEC	60034-16-2 TR	Rotating electrical machines - Part 16-2: Excitation systems for synchronous machines - Models for power system studies				Edition 1.0 (1991-02)	MT12	Under revision, publication expected for 2022
IEC	60034-16-3 TS	Rotating electrical machines - Part 16-3: Excitation systems for synchronous machines - Dynamic performance				Edition 1.0 (1996-02)	MT12	Under revision, publication expected for 2022
IEC	60034-18-1	Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines				Edition 2.0 (2010-03)	MT10	Under revision, publication expected for 2022
IEC	60034-18-21	Rotating electrical machines - Part 18-21: Functional evaluation of insulation systems - Test procedures for wire-wound windings - Thermal evaluation and classification				Edition 2.0 (2012-09)	MT10	Next revision not before 2022
IEC	60034-18-31	Rotating electrical machines - Part 18-31: Functional evaluation of insulation systems - Test procedures for form-wound windings - Thermal evaluation and classification of insulation systems used in machines up to and including 50 MVA and 15 kV				Edition 2.0 (2012-06)	MT10	Next revision not before 2020
IEC	60034-18-32	Rotating electrical machines - Part 18-32: Functional evaluation of insulation systems - Test procedures for form-wound windings - Electrical evaluation of insulation systems used in machines up to and including 50 MVA and 15 kV				Edition 1.0 (2010-10)	MT10	Under revision, publication expected for 2022
IEC	60034-18-33 TS	Rotating electrical machines - Part 18-33: Functional evaluation of insulation systems - Test procedures for form-wound windings - Multifactor functional evaluation - Endurance under combined thermal and electrical stresses of insulation systems used in machines				Edition 2.0 (2010-07)	MT10	Next revision not before 2022
IEC	60034-18-34	Rotating electrical machines - Part 18-34: Functional evaluation of insulation systems - Test procedures for form-wound windings - Evaluation of thermomechanical endurance of insulation systems				Edition 1.0 (2012-06)	MT10	Next revision not before 2022
IEC	60034-18-41	Rotating electrical machines - Part 18-41: Partial discharge free electrical insulation systems (Type I) used in rotating electrical machines fed from voltage converters - Qualification and quality control tests				Edition 1.1 (2019-06)	MT10	
IEC	60034-18-42	Rotating electrical machines - Part 18-42: Qualification and acceptance tests for Type II electrical insulation systems used in rotating electrical machines fed from voltage converters				Edition 1.0 (2017-02)	MT10	Publication of amendmend expected for 2020
IEC	60034-19	Rotating electrical machines - Part 19: Specific test methods for d.c. machines on conventional and rectifier-fed supplies				Edition 2.0 (2014-09)	WG28	Next revision not before 2022
IEC	60034-20-1 TS	Rotating electrical machines - Part 20-1: Control motors - Stepping motors				Edition 1.0 (2002-01)	WG12/MT1	Next revision not before 2022
IEC	60034-22	Rotating electrical machines - Part 22: AC generator for reciprocating internal combustion (RIC) engine driven generating sets				Edition 2.0 (2009-10)	WG12/MT1	To be merged with ISO 8528-3
IEC	60034-23	Rotating electrical machines - Part 23: Repair, overhaul and reclamation				Edition 1.0 (2019-01)	MT13	
IEC	60034-24 TS	Rotating electrical machines - Part 24: Detection and diagnosis of failures at the active parts of rotating electrical machines and of bearing currents				Edition 1.0 (2009-09)	WG12/MT1	Next revision not before 2028
IEC	60034-25 TS	Rotating electrical machines - Part 25: Guide for the design and performance of cage induction motors specifically designed for converter supply				Edition 3.0 (2014-10)	MT9	Under revision, publication expected for 2022
IEC	60034-26	Rotating electrical machines - Part 26: Effects of unbalanced voltages on the performance of three-phase induction motors				Edition 1.0 (2006-07) Corriaendum (2014-09)	WG12/MT1	Next revision not before 2022
IEC	60034-27-1	Rotating electrical machines - Part 27-1: Partial discharge off-line measurements on the stator winding insulation of rotating machinery				Edition 1.0 (2017-12)	MT10	Next revision not before 2022
IEC	60034-27-2 TS	Rotating electrical machines - Part 27-2: On-line partial discharge measurements on the stator winding insulation of electrical machines				Edition 1.0 (2012-03)	MT10	Under revision, publication as IS expected for 2022
IEC	60034-27-3	Rotating electrical machines - Part 27-3: Dissipation factor measurements on the stator winding insulation of electrical machines				Edition 1.0 (2015-12)	MT10	Next revision not before 2020
IEC	60034-27-4	Rotating electrical machines - Part 27-4: Measurement of insulation resistance and polarization index on winding insulation of rotating electrical machines				Edition 1.0 (2018-01)	MT10	Next revision not before 2020
IEC	60034-27-5 TS	Rotating electrical machines - Part 27-5: Off-line partial discharge tests on winding insulation of rotating electrical machines during repetitive impulse voltage excitation					MT10	Under development, publ. expected for 2019
IEC	60034-27-7 TS	Rotating electrical machines - Part 27-7: Insulation systems used in rotating electrical machines for sealed and moisture resistant windings - type and quality control tests					MT10	Under development, publ. expected for 2023
IEC	60034-28	Rotating electrical machines - Part 28: Test methods for determining quantities of equivalent circuit diagrams for three-phase cage induction motors				Edition 2.0 (2012-12)	WG28	Next revision not before 2022
IEC	60034-29	Rotating electrical machines - Part 29: Equivalent loading and super-position techniques - Indirect testing to determine temperature rise				Edition 1.0 (2008-03)	WG28	Next revision not before 2028
IEC	60034-30-1	Rotating electrical machines - Part 30-1: Efficiency classes of line operated AC motors (IE code)				Edition 1.0 (2014-03)	WG31	Next revision not before 2022
IEC	60034-30-2 TS	Rotating electrical machines - Part 30-2: Efficiency classes of variable speed AC motors (IE-code)				Edition 1.0 (2016-12)	WG31	Next revision not before 2022
IEC	60034-31 TS	Rotating electrical machines: Part 31: Selection of energy-efficient motors including variable-speed applications - Application guide				Edition 1.0 (2010-04)	WG31	Under revision, publication expected for 2020

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IEC 60034-32 TS	Rotating electrical machines: Part 32: Measurement of stator end-winding vibration at form-wound windings				Edition 1.0 (2016-12)	WG32	Next revision not before 2022
IEC 60034-33	Rotating electrical machines - Part 33: Specific technical requirements for hydro generators					WG33	Under development, publ. expected for 2022
IEC 60034-34 TS	Rotating electrical machines - Part 34: Specific technical requirements for AC adjustable speed rolling mill main motors					WG34	Under development, publ. expected for 2022
IEC 60072-1	Dimensions and output series for rotating electrical machines - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080				Edition 6.0 (1991-03)	MT5	Under revision, publication expected for 2022
IEC 60072-2	Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1000 and flange numbers 1180 to 2360				Edition 1.0 (1990-12)	MT5	Next revision not before 2022
IEC 60072-3	Dimensions and output series for rotating electrical machines - Part 3: Small built-in motors - Flange numbers BF10 to BF50				Edition 1.0 (1994-03)	MT5	Next revision not before 2022
IEC 60136	Dimensions of brushes and brush-holders for electric machinery				Edition 2.0 (1986-06)	MT14	Under revision, publication expected for 2021
IEC 60276	Carbon brushes, brush holders, commutators and slip-rings - Definitions and nomenclature				Edition 2.0 (2018-05)	MT14	Next revision not before 2028
IEC 60356	Dimensions for commutators and slip-rings				Edition 1.0 (1971-01)	MT14	Under revision, publication expected for 2021
IEC 60413	Test procedures for determining physical properties of brush materials for electrical machines				Edition 1.0 (1972-01)	MT14	Under revision, publication expected for 2021
IEC 60560	Definitions and nomenclature of brush-holders for electrical machines				Edition 1.0 (1977-01)	MT14	Under revision, publication expected for 2023
IEC 60773	Test methods and apparatus for the measurement of the operational characteristics of brushes				Edition 1.0 (1983-01)	MT14	Under revision, publication expected for 2021
IEC 60778 TR	Brush-holders for slip-rings, group R - type RA				Edition 1.0 (1984-01)	MT14	Next revision not before 2023
IEC 61015 TR	Brush-holders for electrical machines - Guide for the measurement of the static thrust applied to brushes				Edition 1.0 (1990-03)	MT14	Next revision not before 2023
IEC 63021 TR	Rotating electrical machinery - Natural graphite brush for slip-ring in wound rotor-type induction motor - Application information				Edition 1.0 (2016-09)	MT14	Next revision not before 2020
IEC 88528-11	Reciprocating internal combustion engine driven alternating current generating sets - Part 11: Rotary uninterruptible power systems - Performance requirements and test methods				Edition 1.0 (2004-03)	WG12/MT1	Next revision not before 2020
Publications of other TCs with content maintained by TC2							
	<i>Standard</i>	<i>Name</i>			<i>Current edition</i>	<i>Maintained by</i>	<i>Maintenance status</i>
IEC 60027-4		Letter symbols to be used in electrical technology - Part 4: Rotating electric machines			2006-12	TC27 WG4	
IEC 60050-411		International Electrotechnical Vocabulary - Chapter 411: Rotating machinery			1996-06, 2007-11 Am 1	TC1	
Publications withdrawn by TC2							
	<i>Standard</i>	<i>Name</i>			<i>Withdrawn since</i>	<i>Reason for withdrawal</i>	
IEC 60034-17 TS		Cage induction motors when fed from converters - Application guide			2014	Content is now integrated in IEC 60034-25 TS	
IEC 60034-18-22		Functional evaluation of insulation systems - Test procedures for wire-wound windings - Classification of changes and insulation component substitutions			2015	Relevance lost	
IEC 60034-30		Rotating electrical machines - Part 30: Efficiency classes for single speed three-phase cage induction motors (IE code)			2014-03	Replaced by IEC 60034-30-1	
IEC 60279		Measurement of the winding resistance of an a.c. machine during operation at alternating voltage			2008-01	Relevance lost	
IEC 60681-1		Dimensions of small power motors for definite purpose application - Part 1: Oil burner motors			2006-12	No longer referenced in TC 61 standards	
IEC 60842: 1988		Guide for application and operation of turbine-type synchronous machines using hydrogen as a coolant.			2006	Content has been integrated into IEC 60034-3	
IEC 60894 TR		Guide for a test procedure for the measurement of loss tangent of coils and bars for machine windings			2016	Replaced by IEC 60034-27-3	
IEC 60991		Resilient mounting rings for small motors - Housing dimensions				Merged with other standard	
IEC 61972		Method for determining losses and efficiency of three-phase cage induction motors			2007-12	Content has been integrated into IEC 60034-2-1	
IEC 61986		Rotating electrical machines - Equivalent loading and superposition techniques - Indirect testing to determine temperature rise			2008-03	Content now published as IEC 60034-29	