

South Africa

			Date			
15	Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods	77	2015	IEC	IEC 61000-4-30	1
16	Part 5: Installation and mitigation guidelines - Section 1: General considerations - Basic EMC publication	77	1996	IEC	IEC 61000-5-1	1
17	Electromagnetic compatibility (EMC) - Part 5: Installation and mitigation guidelines - Section 2: Earthing and cabling	77	1997	IEC	IEC 61000-5-2	1
18	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments	77	2016	IEC	IEC 61000-6-1	1
19	Part 6-2: Generic standards - Immunity standard for industrial environments	77	2016	IEC	IEC 61000-6-2	1
20	Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	77	2010	IEC	IEC 61000-6-3:2006+AMD1:2010 CSV Consolidated version	1
21	Part 6-4: Generic standards - Emission standard for industrial environments	77	2018	IEC	IEC 61000-6-4	1
23	Protection against electric shock - Common aspects for installation and equipment	64	2016	IEC	IEC 61140	1
24	Wind turbines - Part 1: Design requirements	(IEC TC88)	2010	IEC	1:2005+AMD1:2010 CSV Consolidated	1
25	Wind turbines - Part 2: Small wind turbines	(IEC TC88)	2013	IEC	IEC 61400-2:2013	1
26	purposes - EMC immunity requirements	(IEC TC 34)	2009	IEC	IEC 61547	1

28	Safety requirements for secondary batteries and battery installations - Part 1: General safety information	82 (IEC TC21)	2015	IEC	IEC 62485-1	1
29	Safety requirements for secondary batteries and battery installations - Part 2: Stationary batteries	82 (IEC TC21)	2010	IEC	IEC 62485-2	1
30	Guide for application of standards for rural electrification in Africa	82	2018	Regional	AFSEC guide 01:2018	1
31	Guide for application of standards for smart metering systems in Africa	13	2018	Regional	AFSEC Guide 02:2018	1
32	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148.5 kHz Part 1: General requirements frequency bands and electromagnetic disturbances	13	2012	Regional	EN 50065-1:2011	1
34	Explosive atmospheres Part 10-1: Classification of areas - Explosive gas atmospheres	31	2016	IEC	IEC 60079-10-1:2015	1
35	Explosive atmospheres Part 10-2: Classification of areas - Combustible dust atmospheres	31	2009	IEC	IEC 60079-10-2:2009	1
36	Explosive atmospheres Part 14: Electrical installations design selection and erection	31	2014	IEC	IEC 60079-14:2013	1
37	Explosive atmospheres Part 17: Electrical installations inspection and maintenance	31	2014	IEC	IEC 60079-17:2013	1
38	Explosive atmospheres - Part 19: Equipment repair overhaul and reclamation	31	2015	IEC	IEC 60079-19:2010	1
47	Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems	64	2016	IEC	IEC 60364-7-712:2002	1
48	and livestock Part 3: Effects of currents passing through the body of livestock	64	1998	IEC	IEC 60479-3:1998	1
67	Protection against electric shock - Common aspects for installation and equipment	64	2001	IEC	IEC 61140:2001	1
81	controlgear assemblies- - Part 1 :General rules	64	2015	IEC	IEC 61439-1:2011	1
82	controlgear assemblies Part 2: Power switchgear and controlgear assemblies	64	2011	IEC	IEC 61439-2:2011	1
83	Communication networks and systems for power utility automation Part 10: Conformance testing	57	2013	IEC	IEC 61850-10:2012	1

84	Communication networks and systems for power utility automation Part 3: General requirements	57	2014	IEC	IEC 61850-3:2013	1
85	systems for power utility automation Part 4: System and project management	57	2012	IEC	IEC 61850-4:2011	1
86	Communication networks and systems for power utility automation Part 5: Communication requirements for functions and device models	57	2013	IEC	IEC 61850-5:2012	1
87	Communication networks and systems for power utility automation Part 6: Configuration description language for communication in electrical substations related to IEDs	57	2012	IEC	IEC 61850-6:2009	1
88	Communication networks and systems for power utility automation Part 7-1: Basic communication structure - Principles and models	57	2012	IEC	IEC 61850-7-1:2011	1
89	systems for power utility automation Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI)	57	2012	IEC	IEC 61850-7-2:2010	1
90	Communication networks and systems for power utility automation Part 7-3: Basic communication structure - Common data classes	57	2012	IEC	IEC 61850-7-3:2010	1
92	Communication networks and systems for power utility automation "Part 7-410: Basic communication structure " Hydroelectric power plants " Communication for monitoring and control	57	2015	IEC	IEC 61850-7-410:2015	1
93	Communication networks and systems for power utility automation Part 7-420: Basic communication structure - Distributed energy resources logical nodes	57	2012	IEC	IEC 61850-7-420:2009	1
94	Communication networks and systems for power utility automation Part 7-4: Basic communication structure - Compatible logical node classes and data object classes	57	2020	IEC	IEC 61850-7-4:2020	1
95	systems for power utility automation - Part 7-510: Basic communication structure - Hydroelectric power plants - Modelling concepts and guidelines.	57	2015	IEC	IEC 61850-7-510:2012	1

96	Communication networks and systems for power utility automation Part 8-1: Specific communication service mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3	57	2012	IEC	IEC 61850-8-1:2011	1
97	Communication networks and systems for power utility automation Part 9-2: Specific communication service mapping (SCSM) - Sampled values over ISO/IEC 8802-3	57	2012	IEC	IEC 61850-9-2:2011	1
98	Communication networks and systems for power utility automation - Part 90-5: Use of IEC 61850 to transmit synchrophasor information according to IEEE C37.118	57	2015	IEC	IEC 61850-90-5:2012	1
109	Electricity metering equipment (AC) - General requirements tests and test conditions - Part 11: Metering equipment	13	2015	IEC	IEC 62052-11:2003	1
110	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Safety requirements [waiting publication by IEC]	13	2015	IEC	IEC 62052-31:2015	1
111	Electricity metering equipment (a.c.) - Particular requirements Part 11: Electromechanical meters for active energy (classes 0.5, 1 and 2)	13	2003	IEC	IEC 62053-11:2003	1
113	Electricity metering equipment (a.c.) Particular requirements Part 21: Static meters for active energy (classes 1 and 2)	13	2016	IEC	IEC 62053-21:2004	1
114	systems Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)	13	2006	IEC	IEC 62055-31:2005	1
116	systems Part 41: Standard transfer specification (STS) Physical layer protocol for one way token carrier systems	13	2016	IEC	IEC 62055-41:2014	1
117	Electricity metering - Payment systems Part 51: Standard transfer specification (STS) - Physical layer protocol for one-way numeric and magnetic card token carriers	13	2007	IEC	IEC 62055-51:2007	1
118	The DLMS/COSEM suite - Part 1-0: Smart metering standardisation framework	13	2016	IEC	IEC 62056-1-0:2014	1

119	for meter reading tariff and load control Part 21: Direct local data exchange	13	2003	IEC	IEC 62056-21:2002	1
121	Electricity metering data exchange - The DLMS/COSEM suite Part 5-3: DLMS/COSEM application layer	13	2014	IEC	IEC 62056-5-3:2013	1
122	Electricity metering data exchange - The DLMS/COSEM suite Part 6-1: Object Identification System (OBIS)	13	2014	IEC	IEC 62056-6-1:2013	1
123	Electricity metering data exchange - The DLMS/COSEM suite Part 6-2: COSEM interface classes	13	2014	IEC	IEC 62056-6-2:2013	1
124	Acceptance inspection Part 11: General acceptance inspection methods	13	2011	IEC	IEC 62058-11:2008	1
125	Electricity metering equipment (AC) - Acceptance inspection Part 21: Particular requirements for electromechanical meters for active energy (classes 0.5, 1 and 2)	13	2011	IEC	IEC 62058-21:2008	1
126	Electricity metering equipment (AC) - Acceptance inspection Part 31: Particular requirements for static meters for active energy (classes 0.2 S, 0.5 S, 1 and 2)	13	2011	IEC	IEC 62058-31:2008	1
127	Electricity metering equipment - Dependability Part 32-1: Durability - Testing of the stability of metrological characteristics by applying elevated temperature	57	2013	IEC	IEC 62059-32-1:2011	1
130	and livestock Part 4: Effects of lightning strokes on human beings and livestock	64	2005	IEC	IEC TR 60479-4:2004	1
131	Effects of current on human beings and livestock Part 5: Touch voltage threshold values for physiological effects	64	2008	IEC	IEC TR 60479-5:2007	1
137	systems for power utility automation“Part 1: Introduction and overview	57	2013	IEC	IEC TR 61850-1:2013	1
138	Communication networks and systems for power utility automation Part 90-1: Use of IEC 61850 for the communication between substations	57	2012	IEC	IEC TR 61850-90-1:2010	1
139	Communication networks and systems for power utility automation “Part 90-4: Network engineering guidelines	57	2013	IEC	IEC TR 61850-90-4:2013	1

140	systems for power utility automation "Part 90-7: Object models for power converters in distributed energy resources (DER) systems	57	2013	IEC	IEC TR 61850-90-7:2013	1
146	Effects of current on human beings and livestock Part 1: General aspects	64	2006	IEC	IEC TS 60479-1:2005	1
147	Effects of current on human beings and livestock Part 2: Special aspects	64	2007	IEC	IEC TS 60479-2:2007	1
153	systems in substations "Part 2:Glossary	57	2003	IEC	IEC TS 61850-2:2003	1
154	systems for power utility automation "Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104	57	2008	IEC	IEC TS 61850-80-1:2008	1
157	renewable energy and hybrid systems for rural electrification Part 1: General introduction to rural electrification	82	2016	IEC	IEC TS 62257-1:2015	1
160	Recommendations for small renewable energy and hybrid systems for rural electrification Part 4: System selection and design	82	2016	IEC	IEC TS 62257-4:2015	1
161	Recommendations for small renewable energy and hybrid systems for rural electrification Part 5: Protection against electrical hazards	82	2016	IEC	IEC TS 62257-5:2015	1
173	Recommendations for renewable energy and hybrid systems for rural electrification - Part 12-1: Selection of lamps and lighting appliances for off-grid electricity systems	82	2015	IEC	TS 62257-12-1:2015	1
					standards	71
					0/33 standards	0
					Standards	71
Additional 33 AFSEC Standards approved 2019						0