



JABATAN KERJA RAYA MALAYSIA
CAWANGAN KEJURUTERAAN ELEKTRIK
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Tarikh : 25 Julai 2018

SENARAI EDARAN SEPERTI LAMPIRAN

Tuan / Puan,

PERKARA : SENARAI DOKUMEN STANDARD

Dengan hormatnya perkara di atas adalah dirujuk.

- Adalah dimaklumkan bahawa pejabat ini mempunyai dokumen Standard Malaysia (MS) dan standard-standard lain yang berkaitan skop kerja elektrik.
- Sehubungan dengan itu, dokumen ini boleh dipinjam untuk tujuan **latihan** dan **rujukan** sahaja kerana dokumen-dokumen ini adalah tertakluk kepada hakcipta pengeluar.
- Untuk tujuan tersebut, sila hubungi En. Muhammad Nurzuhaili bin Zainudi ditalian 03-2618 9911 / 9727 atau emel kepada nurzuhaili.jkr@1govuc.gov.my.

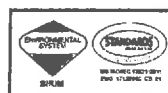
Sekian, terima kasih.

'BERKHIDMAT UNTUK NEGARA'

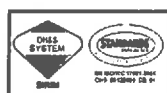

(Ir. SABARIAH BINTI HUSSAIN)
Jurutera Elektrik Penguasa Kanan
Unit Pensijilan Bahan dan Standard
b.p. Pengarah Kanan
Cawangan Kejuruteraan Elektrik
Ibu Pejabat JKR Malaysia



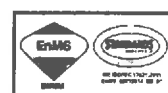
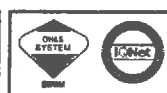
CERTIFIED TO ISO 9001:2008
CERT. NO.: AR 4001



CERTIFIED TO ISO 14001:2004
CERT. NO.: ER 0281



CERTIFIED TO OHSA
18001:2007



CERTIFIED TO ISO 50001:2011
CERT. NO.: EnR 0013

- s.k. 1. Pengarah Perkhidmatan Pakar
Cawangan Kejuruteraan Elektrik
2. Pengarah Perunding Rekabentuk
Cawangan Kejuruteraan Elektrik

LAMPIRAN

SENARAI EDARAN JKR ELEKTRIK NEGERI

1. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Selangor
Tingkat 3, Kompleks Ibu Pejabat
Jabatan Kerja Raya Negeri Selangor,
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2. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Perak, Lorong Lahat
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31650 IPOH, PERAK
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3. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Pahang
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25100 KUANTAN, PAHANG
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4. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Kelantan
Kg. Pauh, Mukim Telok, Panji
15583 KOTA BHARU, KELANTAN
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5. Ketua Jurutera Elektrik Negeri
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81550 GELANG PATAH, JOHOR
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Faks : 07-510 4458

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6. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Kedah
Kawasan Perusahaan Mergong
05582 ALOR SETAR, KEDAH
Tel : 04-733 0144
Faks : 04-733 9737
7. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Melaka
Jalan Taming Sari
75906 MELAKA
Tel : 06-282 7142
Faks : 06-282 8606
8. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Negeri Sembilan
Taman England
74000 SEREMBAN, NEGERI SEMBILAN
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Faks : 06-7621480
9. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Terengganu
Jalan Bukit Kecil
21100 KUALA TERENGGANU, TERENGGANU
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10. Ketua Jurutera Elektrik Negeri
Cawangan Kejuruteraan Elektrik
JKR Elektrik Pulau Pinang
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11950 BAYAN BARU, PULAU PINANG
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Faks : 04-644 0596
11. Penolong Pengarah Kanan Elektrik
Cawangan Kejuruteraan Elektrik
JKR Elektrik Perlis
KM 3, Jalan Raja Syed Alwi
01000 KANGAR, PERLIS
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Faks : 04-973 4519

LAMPIRAN

SENARAI EDARAN DALAMAN CKE :

1. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Kesihatan
2. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Keselamatan
3. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Pendidikan
4. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Bangunan Am 1
5. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Bangunan Am 2
6. Jurutera Elektrik Penguasa Kanan
Unit Perunding Rekabentuk Jalan & Pengangkutan
7. Jurutera Elektrik Penguasa
Unit Perunding Rekabentuk Projek Khas
8. Jurutera Elektrik Penguasa Kanan
Unit Perunding Inspektorat & Keselamatan Elektrik
9. Jurutera Elektrik Penguasa Kanan
Unit Perunding ICT
10. Jurutera Elektrik Penguasa Kanan
Unit Perunding Akustik & ELV
11. Jurutera Elektrik Penguasa Kanan
Unit Perunding Kecekapan Tenaga Elektrik
12. Jurutera Elektrik Penguasa Kanan
Bahagian Pembangunan Kompetensi
13. Jurutera Elektrik Penguasa Kanan
Bahagian Penyelarasan & Khidmat Sokongan

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LAMPIRAN

14. Jurutera Elektrik Penguasa Kanan
Bahagian Pengurusan Prestasi & Inovasi
15. Jurutera Elektrik Penguasa Kanan
Bahagian Pengurusan Portfolio & Kualiti

Item	No.	Type of Std.	Standard Number	Year	Descriptions
CABLES					
GENERAL					
1	1	BS EN	BS EN 60228:2005	2005	Conductors of Insulated Cables
2	2	MS IEC	MS IEC 60228:2001	2001	Conductors of Insulated Cables (IEC 60228:1978, First Supplement 228A: 1982 and Amendment 1:1993, IDT)
3	3	IEC	IEC 60287-1-1:2006 Edition 2.0 (2006-12)	2006	Electric cables - Calculation of the current rating Part 1: Current rating equations (100 % load factor) and calculation of losses Section 1: General
4	4	IEC	IEC 287-1-2:1993 First edition (1993-11)	1993	Electric cables – Calculation of the current rating Part 1: Current rating equations (100 % load factor) and calculation of losses Section 2: Sheath eddy current loss factors for two circuits in flat formation
5	5	IEC	IEC 60287-1-3:2002 First edition (2002-05)	2002	Electric cables - Calculation of the current rating Part 1: Current rating equations (100 % load factor) and calculation of losses Section 3: Current sharing between parallel single-core cables and calculation of circulating current losses
MEDIUM VOLTAGE					
6	1	IEC	IEC 60183:2015 Edition 3.0 (2015-01)	2015	Guidance for the selection of high-voltage A.C. cable systems
7	2	IEC	IEC 183:1984 Second edition	1984	Guide to the selection of high-voltage cables
8	3	IEC	IEC 60502-1:2004 Edition 2.0 (2004-04)	2004	Power Cables With Extruded Insulation And Their Accessories For Rated Voltages From 1 kV (Um = 1,2 kV) Up To 30 kV (Um = 36 kV) Part 1: Cables For Rated Voltages Of 1 kV ((Um= 1,2 kV) and 3 kV (Um = 3,6 kV)
9	4	IEC	IEC 60502-2:2014 Edition 3.0 (2014-02)	2014	Power Cables With Extruded Insulation And Their Accessories For Rated Voltages From 1 kV (Um = 1,2 kV) Up To 30 kV (Um = 36 kV) Part 2: Cables For Rated Voltages from 6 kV ((Um= 7,2 kV) up to 30 kV (Um = 36 kV)
10	5	IEC	IEC 60502-4:2010 Edition 3.0 (2010-12)	2010	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)
11	6	MS	MS 2108:2007	2007	Electric cable and wire: 6.35/11 (12) kV single core XLPE insulated cable - Non-armoured
12	7	MS	MS 2109:2007	2007	Electric cable and wire: 6.35/11 (12) kV single core XLPE insulated cable - Armoured
13	8	MS	MS 2110:2007	2007	Electric cable and wire: 19/33 (36) kV single core XLPE insulated cable - Non-armoured
14	9	MS	MS 2111:2007	2007	Electric cable and wire: 19/33 (36) kV single core XLPE insulated cable - Armoured
15	10	IEC	IEC 885-3:1988	1988	Electrical test methods for electric cables. Part 3: Test methods for partial discharge measurements on lengths of extruded power cables
LOW VOLTAGE					
16	1	MS	MS 2104:2007	2007	Electric cable and wire: 600/1000 (Um = 1 200) V single core XLPE insulated cable - Non-armoured
17	2	MS	MS 2105:2007	2007	Electric cable and wire: 600/1000 (Um = 1 200) V single core XLPE insulated cable - Armoured
18	3	MS	MS 2106:2007	2007	Electric cable and wire: 600/1000 (Um = 1 200) V multi core XLPE insulated cable - Non-armoured
19	4	MS	MS 2107:2007	2007	Electric cable and wire: 600/1000 (Um = 1 200) V multi core XLPE insulated cable - Armoured
20	5	MS	MS 2112-1:2009	2009	ELECTRIC CABLE AND WIRE - POLYVINYL CHLORIDE (PVC) INSULATED CABLES OF RATED VOLTAGES UP TO AND INCLUDING 450/750 V - PART 1: GENERAL REQUIREMENTS
21	6	MS	MS 2112-2:2009	2009	ELECTRIC CABLE AND WIRE - POLYVINYL CHLORIDE (PVC) INSULATED CABLES OF RATED VOLTAGES UP TO AND INCLUDING 450/750 V - PART 2: TEST METHODS

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22	7	MS	MS 2112-3:2009	2009	ELECTRIC CABLE AND WIRE - POLYVINYL CHLORIDE (PVC) INSULATED CABLES OF RATED VOLTAGES UP TO AND INCLUDING 450/750 V - PART 3: NON-SHEATHED CABLES FOR FIXED WIRING
23	8	MS	MS 2112-4:2009	2009	ELECTRIC CABLE AND WIRE - POLYVINYL CHLORIDE (PVC) INSULATED CABLES OF RATED VOLTAGES UP TO AND INCLUDING 450/750 V - PART 4: SHEATHED CABLES FOR FIXED WIRING
FIRE RESISTANCE					
24	1	BS	BS 6387:1994	1994	Performance requirements for cables required to maintain circuit integrity under fire conditions
25	2	IEC	IEC 60331-21:1999 First edition (1999-04)	1999	Tests for electric cables under fire conditions - Circuit integrity Part 21: Procedures and requirements- Cables of rated voltage up to and including 0.6/1.0 kV
26	2	IEC	IEC 60332-1-2	2004	Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame
CABLE LUG					
27	1	MS	MS 1540:2015	2015	Specification for the material, marking, and dimensions of crimp type cable lugs for use with for use with copper conductors in low voltage applications (first revision)
28	2	MS	MS 1779:2005	2005	Crimp type cable links as through connectors for and with stranded (non compact) copper conductors in low voltage applications - Specification for the materials, marking and dimensions (first revision)
29	3	MS	MS 1838:2005	2005	Heavy duty crimp type cable lugs for use with XLPE insulated and circular compact copper conductors in single and multicore power cable applications up to 36kV - Specification for the material, marking and dimensions (first revision)
MATERIAL					
30	1	MS IEC	MS IEC 60811-1-1:1997	1997	Common test methods for insulating and sheathing materials of electric cables - Part 1: Methods for general application section 1: measurement of thickness and overall dimensions - tests for determining the mechanical properties
31	2	IEC	IEC 60811-1-3:2001	2001	Common test methods for insulating and sheathing materials of electric and optical cables - Part 1-3: General application -Methods for determining the density - Water absorption tests - Shrinkage test
32	3	IEC	IEC 60811-2-1:2001	2001	Common test methods for insulating and sheathing materials of electric and optical cables - Part 2-1: Methods specific to elastomeric compounds - Ozone resistance, hot set and mineral oil immersion tests
33	4	IEC	IEC 811-3-1:1985	1985	Common test methods for insulating and sheathing materials of electric cables - Part 3: Methods specific to PVC compounds - Section One: Pressure test at high temperature - Tests for resistance to cracking
34	5	IEC	IEC 811-3-2:1985	1985	Common test methods for insulating and sheathing materials of electric cables - Part 3: Methods specific to PVC compounds - Section Two: Loss of mass test - Thermal stability test
35	6	IEC	IEC 60811-4-1:2004	2004	Insulating and sheathing materials of electric and optical cables - Common test methods - Part 4-1: Methods specific to polyethylene and polypropylene compounds - Resistance to environmental stress cracking - Measurement of the melt flow index - Carbon black and/or mineral filler content measurement in polyethylene by direct combustion - Measurement of carbon black content by thermogravimetric analysis (TGA) - Assessment of carbon black dispersion in polyethylene using a microscope
CONDUITS: GALVANIZED STEEL CONDUITS & HIGH IMPACT PVC CONDUITS					
36	1	MS IEC	MS IEC 61386-1:2010	2010	Conduit systems for cable management Part 1: General requirements (first revision) (IEC 61386-1:2008, IDT)
37	2	BS EN	BS EN 61386-1:2008	2008	Conduit systems for cable management Part 1: General requirements
38	3	MS	MS 1534:PART 1:2002	2002	Conduit systems for electrical installations Part 1: General requirements

Item	No.	Type of Std.	Standard Number	Year	Descriptions
39	4	MS	MS 61386-21:2010	2010	Conduit systems for electrical installations - Part 21: Particular requirements - rigid conduit systems (first revision) (IEC 61386-21:2002, MOD)
40	5	BS	BS 4662:2006+A1	2009	Boxes for flush mounting of electrical accessories-requirements, test methods and dimensions
41	6	MS IEC	MS IEC 60423:2002	2002	CONDUITS FOR ELECTRICAL PURPOSES – OUTSIDE DIAMETERS OF CONDUITS FOR ELECTRICAL INSTALLATIONS AND THREADS FOR CONDUITS AND FITTINGS (IEC 60423: 1993, IDT)
42	7	BS	BS 4568-1:1970	1970	Steel conduit and fittings with metric threads of iso from for electrical installations Part 1: Steel conduit, bends and couplers
43	8	BS	BS 4568:Part 2:1970	1970	Steel conduit and fittings with metric threads of iso from for electrical installations Part 2: Fittings and components
44	9	BS	BS 50086-1:1994	1994	Conduit systems for cable management Part 1: General requirements
CABLE TRAY/CABLE LADDER					
45	1	MS IEC	MS IEC 61537:2007	2007	CABLE TRAY SYSTEMS AND CABLE LADDER SYSTEMS FOR CABLE MANAGEMENT
SWITCHES					
46	1	MS IEC	MS IEC 60669-1	2012	Switches for household and similar fixed electrical installations - Part 2-1: Particular requirements - Electronic switches (First Revision) (IEC 60669-2-1:2009, IDT)
LIGHTNING PROTECTION SYSTEM/EARTHING					
47	1	IEC	IEC 62305-1:2010 Edition 2.0 (2010-12)	2010	Protection against lightning Part 1: General principles
48	2	IEC	IEC 62305-2:2010	2010	Protection against lightning Part 2: Risk management
49	3	IEC	IEC 62305-3:2010	2010	Protection against lightning Part 3: Physical damage to structures and life hazard
50	4	IEC	IEC 62305-4:2010	2010	Protection against lightning Part 4: Electrical and electronic systems within structures
51	5	BS EN	BS EN 62561-1:2017	2017	Lightning Protection System Components (LPSC) Part 1: Requirements For Connection Components
52	6	IEC	IEC 62561-1:2012 Edition 1.0 (2012-02)	2012	Lightning Protection System Components (LPSC) Part 1: Requirements For Connection Components
53	7	IEC	IEC 62561-2:2012 Edition 1.0 (2012-02)	2012	Lightning Protection System Components (LPSC) Part 2: Requirements For Conductors And Earth Electrodes
54	8	IEC	IEC 62561-3:2012 Edition 1.0 (2012-02)	2012	Lightning Protection System Components (LPSC) Part 3: Requirements for isolating spark gaps (ISG)
55	9	IEC	IEC 62561-5:2011 Edition 1.0 (2011-06)	2011	Lightning Protection System Components (LPSC) Part 5: Requirements For Earth Electrode Inspection Housings And Earth Electrode Seals

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56	10	IEC	IEC 62561-6:2011 Edition 1.0 (2011-06)	2011	Lightning Protection System Components (LPSC) Part 6: Requirements For Lightning Strike Counters (LSC)
57	11	IEC	IEC 62561-7:2011 Edition 1.0 (2011-11)	2011	Lightning Protection System Components (LPSC) Part 7: Requirements For Earthing Enhancing Compounds
SOCKET OUTLET					
58	1	MS	MS 589-2:2011	2011	13 A Plugs, socket-outlets, adaptors and connection units - Part 2: Specification for 13 A switched and unswitched socket-outlets
59	2	MS	MS 1577:2003	2003	SPECIFICATION FOR 15 A PLUGS AND SOCKET-OUTLETS FOR DOMESTIC AND SIMILAR PURPOSES
LUMINAIRES & LIGHTING					
GENERAL					
60	1	IEC	IEC 61231:2013 Edition 1.0 (2013-06)	2013	International Lamp Coding System (ILCOS)
61	2	IEC	IEC 61231:2010 Edition 1.0 (2010-01)	2010	International Lamp Coding System (ILCOS)
62	3	IEC	IEC 60598-1:2014 Edition 8.0 (2014-05)	2014	Luminaires Part 1: General requirements and tests
63	4	MS	MS IEC 60598-1:2012	2012	Luminaires Part 1: General requirements and tests (Third revision) (IEC 60598-1:2008, IDT)
64	5	MS IEC	MS IEC 60598-2-1:1997 (Confirmed 2011)	1997	Luminaires Part 2: Particular Requirements Section 1: Fixed general purpose luminaires
65	6	IEC	IEC 60598-2-2:2011 Edition 3.0 (2011-11)	2011	Luminaires Part 2: Particular Requirements Section 2: Recessed Luminaires
66	7	MS IEC	MS IEC 60598-2-2:1998 (Confirmed 2011)	1998	Luminaires Part 2: Particular Requirements Section 2: Recessed Luminaires
67	8	MS IEC	MS IEC 60598-2-3:2006	2006	Luminaires Part 2: Particular Requirements Section 3: Luminaires for road and street lighting(First Revision) (IEC 60598-2-3:2002, IDT)
68	9	IEC	IEC 62722-1:2014 Edition 1.0 (2014-09)	2014	Luminaire Performance Part 1: General Requirements
69	10	MS	MS 62722-1:2012	2012	Luminaire Performance Part 1: General Requirements
70	11	IEC	IEC PAS 62722-1:2011	2011	Luminaire performance Part 1: General requirements
71	12	IEC	IEC 62471:2006 First edition (2006-07)	2006	Photobiological Safety of Lamps and Lamp Systems
72	13	IEC	IEC/TR 62471-2:2009 Edition 1.0 (2009-08)	2009	Photobiological Safety of Lamps and Lamp Systems Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety

Item	No.	Type of Std.	Standard Number	Year	Descriptions
73	14	IEC	IEC TR 62778:2014 Edition 2.0 (2014-06)	2014	Application Of IEC 62471 For The Assessment Of Blue Light Hazard To Light Sources And Luminaires
74	15	IEC	IEC/TR 61341:2010 Edition 2.0 (2010-02)	2010	Method of measurement of centre beam intensity and beam angle(s) of reflector lamps
75	17	MS IEC	MS IEC 61347-1:2012	2012	Lamp controlgear - Part 1: General and safety requirements (First revision) (IEC 61347-1:2010, IDT)
76	18	BS EN	BS EN 61347-1:2001	2001	Lamp controlgear - Part 1: General and safety requirements
77	19	IEC	IEC 60969:2001 Edition 1.2 (2001-03)	2001	Self-ballasted lamps for general lighting services - Performance requirements
78	20	IEC	IEC 62493:2015 Edition 2.0 (2015-03)	2015	Assessment Of Lighting Equipment Related To Human Exposure To Electromagnetic Fields
79	21	IEC	IEC 62493:2009 Edition 1.0 (2009-12)	2009	Assessment Of Lighting Equipment Related To Human Exposure To Electromagnetic Fields
80	22	IES	IES LM-75-01	2001	Goniophotometer types and photometric coordinates
81	23	CIE	CIE 121:1996	1996	The photometry and goniophotometry of luminaires
82	24	ASTM	D2616-12	2012	Evaluation of Visual Color Difference With a Gray Scale
FLUORESCENT LUMINAIRE					
83	1	IEC	IEC 60901:2001 Edition 2.2 (2001-11)	2001	Single-capped fluorescent lamps - Performance specifications
84	2	IEC	IEC 61195:2014 Edition 2.2 (2014-09)	2014	Double-capped fluorescent lamps - safety specifications
85	3	IEC	IEC 60968:2015 Edition 3.0 (2015-02)	2015	Self-ballasted fluorescent lamps for general lighting service-safety requirements
86	4	ASTM	ASTM G154-12a	2012	Standard practise for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
87	5	ASTM	ASTM B117-11	2011	Standard Practice for Operating Salt Spray (Fog) Apparatus
LAMPHOLDER					
88	1	IEC	IEC 60400:2014 Edition 7.2 (2014-06)	2014	CONSOLIDATED VERSION- LAMPHOLDERS FOR TUBULAR FLUORESCENT LAMPS AND STARTERHOLDERS
89	2	IEC	IEC 60400:2011 Edition 7.1 (2011-08)	2011	CONSOLIDATED VERSION- LAMPHOLDERS FOR TUBULAR FLUORESCENT LAMPS AND STARTERHOLDERS
90	3	MS IEC	MS IEC 60400:2006	2006	LAMP HOLDERS FOR TUBULAR FLUORESCENT LAMPS AND STARTERHOLDERS (FIRST REVISION) (IEC 60400:2004, IDT)
91	4	IEC	IEC 60838-1:2008 Edition 4.1 (2008-08)	2008	Miscellaneous Lampholders Part 1: General Requirements And Tests
92	5	IEC	IEC 60838-2-2:2006 First edition (2006-05)	2006	Miscellaneous lampholders Part 1: General requirements and tests
93	6	IEC	IEC 60838-2-3:2016	2016	Miscellaneous lampholders - Part 2-3 : Particular requirements - Lampholders for double-capped linear LED lamps

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STARTER FOR FLUORESCENT LUMINAIRES					
94	1	MS IEC	MS IEC 155:1996	1996	Glow starters for fluorescent lamps
ELECTROMAGNETIC BALLAST FOR FLUORESCENT LUMINAIRE					
95	1	MS	MS 141:2014	2014	Ballasts for tubular fluorescent lamps - Performance (watts loss) requirements. (Second edition)
96	2	MS	MS 141:PART 2:1993	1993	Specification for ballast for tubular fluorescent lamps Part 2: Performance requirements
97	3	MS IEC	MS IEC 61347-2-8:2014	2014	Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps (First revision) (IEC 61347-2-8:2006, IDT)
98	4	IEC	IEC 61347-2-8:2006 Edition 1.1 (2006-03)	2006	Lamp Controlgear Part 2-8: Particular Requirements For Ballasts For Fluorescent Lamps
99	5	MS IEC	MS IEC 60921:2013	2013	Ballasts for tubular fluorescent lamps - Performance requirements (First revision) (IEC 60921:2006, IDT)
100	6	MS IEC	MS IEC 60921:2006	2006	Ballasts for tubular fluorescent lamps - Performance requirements
101	7	IEC	IEC 60921:2006 Edition 2.1 2006-06	2006	Ballasts for tubular fluorescent lamps - Performance requirements
ELECTRONIC BALLAST FOR FLUORESCENT LUMINAIRE					
102	1	MS IEC	MS IEC 61347-2-3:2003	2003	Lamp Controlgear- Part 2-3: Particular Requirements for AC Supplied Electronic Ballasts for Fluorescent Lamps (IEC 61347-2-3:2000, IDT)
103	2	IEC	IEC 60929:2011 Edition 4.0	2011	AC and/or DC supplied electronic control gear for tubular fluorescent lamps - Performance requirements
104	3	MS IEC	MS IEC 60929:2008	2008	AC-SUPPLIED ELECTRONIC BALLASTS FOR TUBULAR FLUORESCENT LAMPS – PERFORMANCE REQUIREMENTS (FIRST REVISION) (IEC 60929:2006, IDT)
CAPACITOR (FLUORESCENT LUMINAIRES/HPSV/METAL HALIDE)					
105	1	MS IEC	MS IEC 61048:2006	2006	AUXILIARIES FOR LAMPS - CAPACITORS FOR USE IN TUBULAR FLUORESCENT AND OTHER DISCHARGE LAMP CIRCUITS - GENERAL AND SAFETY REQUIREMENTS (FIRST REVISION) (IEC 61048:1999, IDT)
IGNITOR FOR HID LAMPS					
106	1	IEC	IEC 60927:2013 Edition 3.1	2013	Auxiliaries for lamp - STARTING devices (other than glow starters) - Performance requirements
107	2	MS IEC	MS IEC 60927:2010	2010	AUXILIARIES FOR LAMPS - STARTING DEVICES (OTHER THAN GLOW STARTERS) - PERFORMANCE REQUIREMENTS (SECOND REVISION) (IEC 60927:2007, IDT)
LOOP-IN LOOP-OUT TERMINAL BLOCK FOR ROAD LIGHTING LUMINAIRES/JUNCTION BOX					
108	1	IEC	IEC 60998-1:2002 Second edition (2002-12)	2002	Connecting devices for low-voltage circuits for household and similar purposes Part 1: General requirements
109	3	IEC	MS IEC 60998-2-1:2005	2005	Connecting devices for low-voltage circuits for household and similar purposes Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units (IEC 60998-2-1:2002, IDT)
110	2	IEC	IEC 60998-2-1 :2002 Second edition (2002-12)	2002	Connecting devices for low-voltage circuits for household and similar purposes Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units
HIGH INTENSITY DISCHARGE LAMP (HPSV/METAL HALIDE)					
111	1	IEC	IEC 61167:2015 Edition 3.0 (2015-01)	2015	Metal halide lamps - Performance specification

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BALLAST/LAMP CONTROLGEAR FOR DISCHARGE LAMP (HPSV/METAL HALIDE)					
112	1	IEC	IEC 60923:2006 Edition 3.1 (2006-09)	2006	Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements
113	2	IEC	IEC 62811:2015 Edition 1.0 (2015-04)	2015	AC and/or DC-supplied electronic controlgear for discharge lamps (excluding fluorescent lamps) - Performance requirements for low frequency square wave operation
LED LAMP/LUMINAIRE					
114	1	IEC	IEC 62722-2-1:2014 Edition 1.0 (2014-11)	2014	Luminaire performance Part 2-1: Particular requirements for LED luminaires
115	2	IEC	IEC PAS 62722-2-1:2011	2011	Luminaire performance Part 2-1: Particular requirements for LED luminaires
116	3	CIE	CIE S 025/E:2015	2015	Test method for LED lamps, LED luminaires and LED modules
117	4	IES	IES LM-79-08	2008	Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products
118	5	IEC	IEC 62031:2012 Edition 1.1 (2012-10)	2012	LED Modules For General Lighting - Safety Specifications
119	6	IEC	IEC 62776:2014 Edition 1.0 (2014-12)	2014	Double-capped LED lamps designed to retrofit linear fluorescent lamps
120	7	IEC	IEC/TS 62504:2011 Edition 1.0 (2011-03)	2011	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions
121	8	IEC	IEC 62442-3:2014 Edition 2.0 (2014-04)	2014	Energy performance of lamp controlgear-Part 3: Controlgear for halogen lamps and LED modules- Method of measurement to determine the efficiency of the controlgear
122	9	IEC	IEC 62560:2011 Edition 1.0 (2011-02)	2011	Self-Ballasted LED-Lamps For General Lighting Services By Voltage > 50 V - Safety Specifications
123	10	IEC	IEC 62612:2015 Edition 1.1 2015-10	2015	Self ballasted LED lamps for general lighting services with supply voltages >50V
124	11	IEC	IEC 62612:2013 Edition 1.0 (2013-06)	2013	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements
125	12	IEC	IEC/PAS 62612:2009 Edition 1.0 (2009-06)	2009	Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements
126	13	IEC	IEC 62707-1:2013	2013	LED-binning Part 1: General requirements and white colour grid
127	14	IEC	IEC/PAS 62707-1:2011 Edition 1.0 (2011-03)	2011	LED-binning Part 1: General requirements and white colour grid
128	15	IEC	IEC 62717:2014 Edition 1.0 (2014-12)	2014	LED modules for general lighting - Performance requirements
129	16	IEC	IEC/TS 62504:2011 Edition 1.0 (2011-03)	2011	GENERAL lighting - LEDS AND LED MODULES - TERMS AND DEFINITION
130	17	ANSI	ANSI NEMA ANSLG C78.377:2008	2008	American National Standard for electric lamps - Specifications for the Chromaticity of Solid State Lighting Products

Item	No.	Type of Std.	Standard Number	Year	Descriptions
131	18	SASO	SASO IEC 62717:2012	2012	LED modules for general lighting - Performance requirements
132	19	ASTM	ASTM E313 - 10	2010	STANDARD PRACTICE FOR CALCULATING YELLOWNESS AND WHITENESS INDICES FROM INSTRUMENTALLY MEASURED COLOUR COORDINATES
LED DRIVER					
133	1	IEC	IEC 61347-2-13:2006 First edition (2006-05)	2006	Lamp Controlgear Part 2-13: Particular Requirements For d.c. or a.c. Supplied Electronic Controlgear For LED Modules
134	2	IEC	IEC 62384:2011 Edition 1.1 (2011-03)	2011	DC Or AC Supplied Electronic Control Gear For LED Modules - Performance Requirements
INDUCTION LAMP/LUMINAIRE					
135	1	IEC	IEC 62639:2012 Edition 1.0 (2012-02)	2012	Fluorescent Induction Lamps - Performance Specification
136	2	IEC	IEC 62532:2011 Edition 1.0 (2011-01)	2011	Fluorescent Induction Lamps - Safety Specifications
LIGHTING COLUMNS (GALVANISED STEEL)					
137	1	BS EN	BS EN 40-1:1992	1992	Lighting columns. Definitions and terms
138	2	BS EN	BS EN 40-2:2004	2004	Lighting columns. General requirements and dimensions
139	3	BS EN	BS EN 40-3-1:2000	2000	Lighting columns. Design and verification. Specification for characteristic loads
140	4	BS EN	BS EN 40-3-2:2000	2000	Lighting columns. Design and verification. Verification by testing
141	5	BS EN	BS EN 40-3-3:2003	2003	Lighting columns. Design and verification. Verification by calculation
142	6	BS EN	BS EN 40-5:2002	2002	Lighting columns. Requirements for steel lighting columns
EMERGENCY LIGHT & KELUAR SIGN					
143	1	IEC	IEC 60598-2-22:2014 Edition 4.0 (2014-06)	2014	Luminaires Part 2-22: Particular Requirements - Luminaires for emergency lighting
144	2	MS	MS 983:2004	2004	Keluar signs' (Internally illuminated) - specification (third revision)
145	3	MS	MS 1038:1986	1986	SPECIFICATION FOR EMERGENCY LIGHTING OF PREMISES PART 1: PREMISES OTHER THAN CINEMAS AND CERTAIN OTHER SPECIFIED PREMISES USED FOR ENTERTAINMENT
146	4	MS	MS 619: PART 102: Sect. 102.22:1985	1985	Luminaires for emergency lighting
FANS					
147	1	MS	MS 1220:2010	2010	PERFORMANCE AND CONSTRUCTION OF ELECTRIC CIRCULATING FANS AND REGULATORS (SECOND REVISION)(IEC 60879:1986, MOD)
148	2	IEC	IEC 60335-1:2010 Edition 5.0 (2010-05)	2010	Household and similar electrical appliances - Safety Part 1: General requirements
149	3	MS	MS 1597-2-80:2010	2010	HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES - SAFETY PART 2-80: PARTICULAR REQUIREMENTS FOR FANS (THIRD REVISION)(IEC 60335-2-80:2008,MOD)
150	4	MS	MS 2574:2014	2014	Minimum energy performance standards (MEPS) for domestic fan
151	5	SIRIM	SIRIM 3:2014	2014	Code of practise for installation and maintenance of ceiling fan
TRAFFIC LIGHT SYSTEM					
152	1	MS	MS 2478:2012	2012	Traffic control equipment - Performance of signal heads

Item	No.	Type of Std.	Standard Number	Year	Descriptions
153	2	EN	EN 50556:2011	2011	Road traffic signal systems
154	3	BS EN	BS EN 12368:2015	2015	Traffic control equipment. Signal heads
155	4	EN	EN 12675:2000	2000	Traffic signal controllers-functional safety requirements
156	5	BS EN	BS EN 12767:2007	2007	Passive safety of support structures for road equipment. Requirements, classification and test methods
157	6	BS EN	BS EN 12899-1:2007	2007	Fixed, vertical road traffic signs . Fixed signs
158	7	BS EN	BS EN 50293:2012	2012	Road traffic signal systems. Electromagnetic compatibility
L.V. SWITCHBOARD/CONSUMER UNIT/BUSBAR TRUNKING (BUSDUCT)					
159	1	IEC	IEC TR 61439-0:2013 Edition 2.0 (2013-04)	2013	Low-voltage switchgear and controlgear assemblies - Part 0: Guide to specifying assemblies
160	2	IEC	IEC TR 61439-0:2010 Edition 1.0 (2010-10)	2010	Low-voltage switchgear and controlgear assemblies - Part 0: Guide to specifying assemblies
161	3	IEC	IEC 61439-1:2011 Edition 2.0 (2011-08)	2011	Low-Voltage Switchgear And Controlgear Assemblies Part 1: General Rules
162	4	IEC	IEC 61439-2:2011 Edition 2.0 (2011-08)	2011	Low-Voltage Switchgear And Controlgear Assemblies Part 2: Power Switchgear And Controlgear Assemblies
163	5	IEC	IEC 61439-3:2012 Edition 1.0 (2012-02)	2012	Low-Voltage Switchgear And Controlgear Assemblies Part 3: Distribution Boards Intended To Be Operated By Ordinary Persons (DBO)
164	6	IEC	IEC 61439-4:2012 Edition 1.0 (2011-12)	2012	Low-Voltage Switchgear And Controlgear Assemblies Part 4: Particular Requirements For Assemblies For Construction Sites (ACS)
165	7	IEC	IEC 61439-5:2014 Edition 2.0 (2014-08)	2014	Low-voltage switchgear and controlgear assemblies - Part 5: Assemblies for power distribution in public networks
166	8	IEC	IEC 62208:2002 First edition (2002-11)	2002	Empty Enclosures For Low-Voltage Switchgear And Controlgear Assemblies - General Requirements
167	9	IEC	IEC TR 60890:2014 Edition 2.0 (2014-05)	2014	A method of temperature-rise verification of low-voltage switchgear and controlgear assemblies by calculation
168	10	IEC	IEC 60865-1:2011 Edition 3.0 (2011-10)	2011	Short-circuit currents - Calculation of effects Part 1: Definitions and calculation methods
169	11	IEC	IEC 865-2:1994 First edition 1994-06	1994	Short-circuit currents –Calculation of effects Part 2: Examples of calculation
170	12	IEC	IEC TR 60865-2:2015 Edition 2.0 (2015-04)	2015	Short-circuit currents - Calculation of effects Part 2: Examples of calculation
171	13	IEC	IEC 60909-0:2001 First edition (2001-07)	2001	Short-circuit currents in three-phase a.c. systems Part 0: Calculation of currents
172	14	IEC	IEC 60909-0:2016 Edition 2.0 (2016-01)	2016	Short-circuit currents in three-phase a.c. systems Part 0: Calculation of currents
173	15	IEC	IEC TR 60909-1:2002 Second edition (2002-07)	2002	Short-circuit currents in three-phase a.c. systems Part 1: Factors for the calculation of short-circuit currents according to IEC 60909-0

Item	No.	Type of Std.	Standard Number	Year	Descriptions
174	16	IEC	IEC/TR 60909-2:2008 Edition 2.0 (2008-11)	2008	Short-circuit currents in three-phase a.c. systems Part 2: Data of electrical equipment for short-circuit current calculations
175	17	IEC	IEC 60909-3:2009 Edition 3.0 (2009-03)	2009	Short-circuit currents in three-phase AC systems Part 3: Currents during two separate simultaneous line-to-earth short circuits and partial short-circuit currents flowing through earth
176	18	IEC	IEC TR 60909-4:2000 First edition (2000-07)	2000	Short-circuit current in three-phase a.c. systems Part 4: Examples for the calculation of short-circuit currents
177	19	IEC	IEC 60439-1:2004 Edition 4.1	2004	Low-Voltage Switchgear And Controlgear Assemblies Part 1: General Rules
SURGE PROTECTIVE DEVICE					
178	1	MS IEC	MS IEC 61643-11:2012	2012	Low-voltage surge protective devices Part 12: Surge Protective Devices Connected To Low-Voltage Power Systems - Requirements And Test Methods (Second revision) (IEC 61643-11:2011, IDT)
179	2	IEC	IEC 61643-11:2011 Edition 1.0 (2011-03)	2011	Low-Voltage Surge Protective Devices Part 11: Surge Protective Devices Connected To Low-Voltage Power Systems - Requirements And Test Methods
180	3	MS IEC	MS IEC 61643-12:2012	2012	Low-voltage surge protective devices Part 12: Surge protective devices connected to low-voltage power distribution systems - Selection and application principles (First revision) (IEC 61643-12:2008, IDT)
PROTECTION RELAYS					
181	1	BS EN	BS EN 60255-21-3:1995	1995	Vibration , shock, bump and seismic test on measuring relays and protection equipment
182	2	IEC	IEC 255-21-1:1988 First edition	1988	Electrical relays Part 21: Vibration, shock, bump and seismic test on measuring relays and protection equipment Section 1: Vibration tests (sinusoidal)
183	3	IEC	IEC 255-21-2:1988 First edition (1998-10)	1988	Electrical relays Part 21: Vibration, shock, bump and seismic test on measuring relays and protection equipment Section 2: Shock and bump tests
184	4	IEC	IEC 255-21-3:1993 First edition (1993-09)	1993	Electrical relays Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment Section 3: Seismic tests
185	5	IEC	IEC 60255-22-2:2008 Edition 3.0 (2008-04)	2008	Measuring relays and protection equipment Part 22: Electrical disturbance tests - Electrostatic discharge tests
186	6	IEC	IEC 60255-22-4:2008 Edition 3.0 (2008-04)	2008	Measuring relays and protection equipment Part 22: Electrical disturbance tests - Electrical fast transient/burst immunity test
187	7	IEC	IEC 60255-22-5:2008 Edition 2.0 (2008-11)	2008	Measuring relays and protection equipment Part 22: Electrical disturbance tests - Surge immunity test
188	8	IEC	IEC 60255-26:2013 Edition 3.0 (2013-05)	2013	Measuring relays and protection equipment Part 26: Electromagnetic compatibility requirements
189	9	IEC	IEC 60255-26:2008 Edition 2.0 (2008-07)	2008	Measuring relays and protection equipment Part 26: Electromagnetic compatibility requirements
190	10	IEC	IEC 60255-27:2013 Edition 2.0 (2013-10)	2013	Measuring relays and protection equipment Part 27: Product safety requirements

Item	No.	Type of Std.	Standard Number	Year	Descriptions
191	11	IEC	IEC 60255-27:2005 First Edition (2005-11)	2005	Measuring relays and protection equipment Part 27: Product safety requirements
SWITCHGEARS (CIRCUIT BREAKER, RESIDUAL CURRENT DEVICE, ISOLATOR, 11kV METAL-ENCLOSED SWITCHGEAR)					
GENERAL					
192	1	IEC	IEC 60947-1:2014	2014	Low-voltage switchgear and controlgear Part 1: General rules
193	2	IEC	IEC 60947-1:2011	2011	Low-voltage switchgear and controlgear Part 1: General rules
194	3	IEC	IEC TR 61912-1:2007	2007	Low-voltage switchgear and controlgear - Overcurrent protective devices Part 1: Application of short-circuit ratings
195	4	IEC	IEC TR 61912-2:2009	2009	Low-voltage switchgear and controlgear - Over-current protective devices Part 2: Selectivity under over-current conditions
MCB					
196	1	IEC	IEC 60898-1:2015	2015	Electrical accessories - circuit-breakers for household and similar installations Part 1: Circuit-breakers for a.c. operation
197	2	MS IEC	MS IEC 60898-1:2007	2007	Electrical accessories - circuit-breakers for household and similar installations Part 1: Circuit-breakers for a.c. operation (First revision) (IEC 60898-1:2003, IDT)
198	3	MS IEC	MS IEC 60898-1:2003	2003	Electrical accessories - circuit-breakers for household and similar installations Part 1: Circuit-breakers for a.c. operation
199	4	MS IEC	MS IEC 60898-2:2007	2007	Electrical accessories - circuit-breakers for household and similar installations Part 2: Circuit-breakers for a.c. and d.c. operation (First revision) (IEC 60898-2:2003, IDT)
200	5	MS IEC	MS IEC 60898-1:2006	2006	Electrical accessories - circuit-breakers for household and similar installations Part 1: Circuit-breakers for a.c. operation
ACB&MCCB					
201	1	MS IEC	MS IEC 60947-2:2010	2010	Low-voltage switchgear and controlgear Part 2: Circuit-breakers (Second revision) (IEC 60947-2:2009, IDT)
ISOLATOR/SWITCH DISCONNECTOR FUSE					
202	1	IEC	IEC 60947-3:2008	2008	Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units
CONTACTORS					
203	1	IEC	IEC 60947-4-1:2009	2009	Low-voltage switchgear and controlgear Part 4: Contactors and motor-starters Section 1: Electromechanical contactors and motor-starters
RESIDUAL CURRENT DEVICE					
204	1	IEC	IEC 61008-1:2013 Edition 3.2 (2013-09)	2013	Residual Current Operated Circuit-Breakers Without Integral Overcurrent Protection For Household And Similar Uses (RCCB's) Part 1: General Rules
205	2	IEC	IEC 61008-2-1:2003 (Confirmed:2011)	2003	Residual Current Operated Circuit-Breakers Without Integral Overcurrent Protection For Household And Similar Uses (RCCB's) Part 2-1: Applicability of the general rules to RCCB's functionally independent of line voltage
206	3	IEC	IEC 61009-1:2003 Edition 2.1	2003	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules

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207	4	IEC	IEC 1009-2-2:1991 First Edition	1991	Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 2-2: Applicability of the general rules to RCBO's functionally dependent on line voltage
208	5				The RCD Handbook BEAMA Guide to the selection and application of residual current device
11kV METAL ENCLOSED SWITCHGEAR					
209	1	IEC	IEC 60694:2002	2002	Common specifications for high-voltage switchgear and controlgear standards
210	2	IEC	IEC 62271-200:2011	2011	High-voltage switchgear and controlgear Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV
211	3	IEC	IEC 62271-207:2012	2012	High-voltage switchgear and controlgear Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV
212	4	IS	IS IEC 62271-207:2007	2007	High-voltage switchgear and controlgear Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV
213	5	IEC	IEC TS 62271-210:2013	2013	High-voltage switchgear and controlgear Part 210: Seismic qualification for metal enclosed and solid-insulation enclosed switchgear and controlgear assemblies for rated voltages above 1 kV and up to and including 52 kV
214	6	IEC	IEC TR 62271-300:2006	2006	High-voltage switchgear and controlgear Part 300: Seismic qualification of alternating current circuit-breakers
FUSE SWITCHGEAR					
CONNECTOR NEUTRAL BOX					
215	1	IEC	IEC 60670-1:2011 First edition (2002-12)	2002	Boxes And Enclosures For Electrical Accessories For Household And Similar Fixed Electrical Installations Part 1: General Requirements
HRC FUSE CUT OUT UNITS					
216	1	IEC	IEC 60127-1:2006 Second edition (2006-06)	2006	Definition for miniature fuses and general requirements for miniature fuse - link
217	2	IEC	IEC 60127-3:2015 Edition 3.0 (2015-01)	2015	Miniature fuses - Part 3: Sub-miniature fuse-links
ELECTRICAL MACHINE EQUIPMENT (TRANSFORMER, GENERATOR SETS)					
GENERATOR SET					
218	1	ISO	ISO 3046-1:2002 Fifth Edition (2002-05-01)	2002	Reciprocating internal combustion engines -- Performance -- Part 1: Declarations of power, fuel and lubricating oil consumptions, and test methods -- Additional requirements for engines for general use
219	2	ISO	ISO 3046-4:2009 Third edition (2009-12-01)	2009	Reciprocating internal combustion engines -- Performance -- Part 4: Speed governing
220	3	ISO	ISO 8528-1: 1993 First edition (1993-04-15)	1993	Reciprocating internal combustion engine driven alternating current generating sets -- Part 1: Application, ratings and performance
221	4	ISO	ISO 8528-1: 2005 Second edition (2005-06-01)	2005	Reciprocating internal combustion engine driven alternating current generating sets -- Part 1: Application, ratings and performance
222	5	ISO	ISO 8528-2:2005 Second edition (2005-06-01)	2005	Reciprocating internal combustion engine driven alternating current generating sets -- Part 2: Engines
223	6	ISO	ISO 8528-3:2005 Second edition (2005-07-01)	2005	Reciprocating internal combustion engine driven alternating current generating sets -- Part 3: Alternating current generators for generating sets

Item	No.	Type of Std.	Standard Number	Year	Descriptions
224	7	ISO	ISO 8528-3:1993 First edition (1993-04-15)	1993	Reciprocating internal combustion engine driven alternating current generating sets -- Part 3: Alternating current generators for generating sets
225	8	ISO	ISO 8528-4:1993 First edition (1993-04-15)	1993	Reciprocating internal combustion engine driven alternating current generating sets -- Part 4: Controlgear and switchgear
226	9	ISO	ISO 8528-5:2005 Second edition (2005-07-15)	2005	Reciprocating internal combustion engine driven alternating current generating sets -- Part 5: Generating sets
227	10	ISO	ISO 8528-5:1993 First edition (1993-04-15)	1993	Reciprocating internal combustion engine driven alternating current generating sets -- Part 5: Generating sets
228	11	ISO	ISO 8528-6:1993 First edition (1993-04-15)	1993	Reciprocating internal combustion engine driven alternating current generating sets -- Part 6: Test methods
229	12	ISO	ISO 8528-7:1994 First edition (1994-09-01)	1994	Reciprocating internal combustion engine driven alternating current generating sets -- Part 7: Technical declarations for specification and design
230	13	ISO	ISO 8528-8:1995 First edition (1995-12-15)	1995	Reciprocating internal combustion engine driven alternating current generating sets -- Part 8: Requirements and tests for low-power generating sets
231	14	ISO	ISO 8528-9:1995 First edition (1995-12-15)	1995	Reciprocating internal combustion engine driven alternating current generating sets -- Part 9: Measurement and evaluation of mechanical vibrations
232	15	ISO	ISO 8528-10:1998 First edition (1998-10-01)	1998	Reciprocating internal combustion engine driven alternating current generating sets -- Part 10: Measurement of airborne noise by the enveloping surface method
233	16	IEC	IEC 61000-6-5:2015 Edition 1.0 (2015-08)	2015	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment
234	17	BS	BS 799-5:2010	2010	Oil burning equipment Part 5: Carbon steel oil storage tanks
235	18	IEC	IEC 45-1:1991 First edition (1995-01)	1991	Steam Turbines Part 1: Specifications
TRANSFORMER					
236	1	IEC	IEC 61869-3:2011 Edition 1.0 (2011-07)	2011	Instrument transformers Part 3: Additional requirements for inductive voltage transformers
237	2	IEC	IEC 60076-1:2011 Edition 3.0 (2011-04)	2011	Power Transformers Part 1: General
238	3	MS IEC	MS IEC 60076-1:2005	2005	Power Transformers Part 1: General
239	4	IEC	IEC 60076-2:2011 Edition 3.0 (2011-02)	2011	Power Transformers Part 2: Temperature Rise For Liquid - Immersed Transformers
240	5	IEC	IEC 60076-3:2013 Edition 3.0 (2013-07)	2013	Power Transformers Part 3: Insulation Levels, Dielectric Tests And External Cleances In All
241	6	IEC	IEC 60076-4:2002 First edition (2002-06)	2002	Power Transformers Part 4: Guide To The Lightning Impulse And Switching Impulse Testing - Power Transformers And Reactors

Item	No.	Type of Std.	Standard Number	Year	Descriptions
242	7	IEC	IEC 60076-5:2000 Second edition (2000-07)	2000	Power Transformers Part 5: Ability To Withstand Short Circuit
243	8	IEC	IEC 60076-6:2007 Edition 1.0 (2007-12)	2007	Power Transformers Part 6: Reactors
244	9	IEC	IEC 289:1988 Second edition	1988	Reactors
245	10	IEC	IEC 60076-10:2001 First edition (2001-05)	2001	Power Transformers Part 10: Determination Of Sound Levels
246	11	IEC	IEC 60076-11:2004 First edition (2004-05)	2004	Power Transformers Part 11: Dry - type Transformers
247	12	IEC	IEC 60076-12:2008 Edition 1.0 (2008-11)	2008	Power Transformers Part 12: Loading Guide For Dry - type Power Transformers
248	13	IEC	IEC 60034-1:2004 Eleventh edition (2004-04)	2004	Rotating electrical machines- Part 1: Rating and performance
ICT					
249	1	IEC	ISO/IEC 11801:2002 Second edition (2002-09)	2002	Information technology - Generic cabling for customer premises
ELECTROMAGNETIC COMPATABILITY					
250	1	IEC	IEC 61547:2009 Edition 2.0 (2009-06)	2009	Equipment For General Lighting Purposes - EMC Immunity Requirements
251	2	CISPR	CISPR 15:2013 Edition 8.0 (2013-05)	2013	Limits And Methods Of Measurement Of Radio Distrurbance Characteristics Of Electrical Lighting And Similar Equipment
252	3	BS EN	BS EN 55015:2006+A2:2009	2006	Limits And Methods Of Measurement Of Radio Distrurbance Characteristics Of Electrical Lighting And Similar Equipment
253	4	BS EN	BS EN 55014-1:2006	2006	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus. Part 1: Emission
254	5	BS EN	BS EN 55022:2010	2010	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
255	6	IEC TR	IEC TR 61000-1-7:2016 Edition 1.0 (2016-02)	2016	Electromagnetic compatibility (EMC) - Part 1-7: General - Power factor in single-phase systems under non-sinusoidal conditions
257	8	IEC	IEC 61000-3-2:2014 Edition 4.0 (2014-05)	2014	Electromagnetic Compatibility (EMC) Part 3: Limits Section 2: Limits For Harmonic Current Emissions (equipment Input Current ≤ 16A Per Phase)
258	9	IEC	IEC 61000-3-2:2009 Edition 3.2 (2009-04)	2009	Electromagnetic Compatibility (EMC) Part 3: Limits Section 2: Limits For Harmonic Current Emissions (equipment Input Current ≤ 16A Per Phase)
259	10	MS IEC	MS IEC 61000-3-2:2000	2000	Electromagnetic Compatibility (EMC) Part 3: Limits Section 2: Limits For Harmonic Current Emissions (equipment Input Current ≤ 16A Per Phase)

Item	No.	Type of Std.	Standard Number	Year	Descriptions
260	11	IEC	IEC 61000-3-3:2013 Edition 3.0 (2013-05)	2013	Electromagnetic Compatibility (EMC) Part 3: Limits Section 3: Limitation Of Voltage Changes, Voltage Fluctuations And Flicker In Public Low-Voltage Supply Systems, For Equipment With
263	14	IEC	IEC 61000-4-4:2012 Edition 3.0 (2012-04)	2012	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 4: Electrical Fast Transient / Brust Immunity Test
264	15	BS EN	BS EN 61000-4-4:1995	1995	Eletromagnetic Compatibility (EMC) Part 4: Testing And Measurement Techniques Section 4: Electrical Fast Transient / Brust Immunity Test - Basic EMC Publication
265	16	IEC	IEC 61000-4-5:2014 Edition 3.0 (2014-05)	2014	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 5: Surge Immunity Test
266	17	IEC	IEC 61000-4-5:2005 Edition 2.0 (2005-11)	2005	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 5: Surge Immunity Test
267	18	IEC	IEC 61000-4-5:2001 Edition 1.1 (2001-04)	2001	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 5: Surge Immunity Test
268	19	IEC	IEC 61000-4-6:2013 Edition 4.0 (2013-10)	2013	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 6: Immunity to conducted disturbances, induced by radio-frequency fields
269	20	IEC	IEC 61000-4-6:2008 Edition 3.0 (2008-10)	2008	Electromagnetic Compatibility (EMC) Part 4: Tecting And Measurement Techniques Section 6: Immunity to conducted disturbances, induced by radio-frequency fields
270	21	IEC	IEC 61000-4-7:2001 Second edition (2002-08)	2002	Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques Section 7: General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and
271	22	IEC	IEC 61000-4-30:2015 Edition 3.0 (2015-02)	2015	Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods
272	23	MS	MS 61000-4-34:2014 Edition 1.1 (2009-11)	2014	Electromagnetic Compatibility (EMC) Part 4: Testing And Measurement Techniques Section 34: Voltage Dips, Short Interruptions And Voltage Variations Immunity Tests For Equipment With Input Current More Than 16 A Per Phase
273	24	IEC	IEC 61000-4-34:2009	2009	Electromagnetic Compatibility (EMC) Part 4: Testing And Measurement Techniques Section 34: Voltage Dips, Short Interruptions And Voltage Variations Immunity Tests For Equipment With Input Current More Than 16 A Per Phase
274	25	IEC	IEC 1000-5-1:1996 First edition (1996-12)	1996	Electromagnetic compatibility (EMC) Part 5: Installation and mitigation guidelines Section 1: General considerations - Basic EMC publication
275	26	IEC	IEC 61000-5-2:1997 First edition (1997-11)	1997	Electromagnetic compatibility (EMC) Part 5: Installation and mitigation guidelines Section 2: Earthing and cabling

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277	28	IEC	IEC 1000-5-4:1996 First edition (1996-08)	1996	Electromagnetic compatibility (EMC) - Part 5: Installation and mitigation guidelines - Section 4: Immunity to HEMP - Specifications for protective devices against HEMP radiated disturbance. Basic EMC Publication
279	30	IEC	IEC TR 61000-5-6:2002 First edition (2002-06)	2002	Electromagnetic compatibility (EMC) - Part 5-6: Installation and mitigation guidelines - Mitigation of external EM influences
280	31	IEC	IEC 61000-5-7:2001 First edition (2001-01)	2001	Installation and mitigation guidelines - Degrees of protection provided by enclosures against electromagnetic disturbances
ELECTRICAL DESIGN & PERFORMANCE REQUIREMENTS					
INDOOR LIGHTING DESIGN					
281	1	MS ISO	MS ISO 8995:2005	2005	Lighting of indoor work places (ISO 8995:2002, IDT)
ROAD LIGHTING DESIGN					
282	1	MS	MS 825:PART 1:2007	2007	Code of practice for the design of road lighting Part 1: Lighting of roads and public amenity areas (first revision)
283	2	MS	MS 825:PART 2:2008	2008	Code of practice for the design of road lighting Part 2: Lighting of tunnels (first revision)
284	3	MS	MS 825:PART 4:2012	2012	Code of practice for the design of road lighting Part 4: Performance requirements
285	4	MS	MS 825:PART 5:2012	2012	Code of practice for the design of road lighting Part 5: Calculation of performance
286	5	MS	MS 825:PART 6:2012	2012	Code of practice for the design of road lighting Part 6: Method of measuring lighting performance
287	6	CIE	CIE 115:2010 Second edition	2010	Lighting of roads for motor and pedestrian traffic
288	7	CIE	CIE 140:2000	2000	Road Lighting Calculations
289	8	CIE	CIE 30.2:1982 2nd Edition Reprint 1990	1982	Road Lighting Calculations
290	9	BS	BS 5489-1:2003	2003	Code of practice for the design of road lighting
291	10	EN	EN 12665:2002	2002	Light and lighting - Basic terms and criteria for specifying lighting requirements
292	11	EN	EN 12193:2007	2007	Light and lighting - Sport lighting
293	12	EN	EN 12464-1:2002 Edition 2003-04-01	2002	Light and lighting - Lighting of work places Part 1: Indoor work places
294	13	EN	EN 12464-2:2007	2007	Lighting of work places Part 2: Outdoor work places
295	14	BS EN	BS EN 13032-1:2004	2004	Light and lighting - Measurement and presentation of photometric data of lamps and luminaires Part 1: Measurement and file format
296	15	EN	EN 13032-1:2004 E	2004	Light and lighting - Measurement and presentation of photometric data of lamps and luminaires Part 1: Measurement and file format
297	16	PD CEN TR	PD CEN/TR 13201-1:2014	2014	Road lighting Part 1: Guidelines on selection of lighting classes
298	17	BS EN	BS EN 13201-2:2003	2003	Road Lighting Part 2: Performance Requirements

Item	No.	Type of Std.	Standard Number	Year	Descriptions
299	18	BS EN	BS EN 13201-3:2003	2003	Road Lighting Part 3: Calculation Of Performance
300	19	BS EN	BS EN 13201-4:2003	2003	Road Lighting Part 4: Method of Measuring Lighting Performance
301	20	BS EN	BS EN 13201-5:2015	2015	Road Lighting Part 5: Energy Performance Indicators
ACCESSIBILITY FOR DISABLED PERSON					
302	1	MS	MS 1184:2014	2014	Universal design and acessibility in the built environment
INSULATION COORDINATION					
303	1	MS IEC	MS IEC 60664-1:2014	2014	Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests (IEC 60664-1:2007, IDT)
304	2	IEC	IEC 60664-1:2007 Edition 2.0 (2007-04)	2007	Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests
305	3	IEC	IEC/TR 60664-2-1:2011 Edition 2.0 (2011-01)	2011	Insulation coordination for equipment within low-voltage systems Part 2-1: Application guide - Explanation of the application of the IEC 60664 series, dimensioning examples and dielectric testing
306	4	MS IEC	MS IEC 60664-3:2014	2014	Insulation coordination for equipment within low-voltage systems Part 3: Use of coating potting or moulding for protection against pollution (IEC 60664-3:2010, IDT)
307	5	MS IEC	MS IEC 60664-4:2014	2014	Insulation coordination for equipment within low-voltage systems Part 4: Consideration of high-frequency voltage stress (IEC 60664-4:2005, IDT)
308	6	MS IEC	MS IEC 60664-5:2014	2014	Insulation coordination for equipment within low-voltage systems Part 5: Comprehensive method for determining clearances and creepage distances equal to or less than 2 mm (IEC 60664-5:2007, IDT)
ELECTRICAL/WIRING INSTALLATION					
309	1	MS	MS 1936:2016	2016	Electrical installations of buildings - Guide to MS IEC 60364 (First revision)
310	2	MS	MS 1979:2016	2016	Electrical installation of buildings - Code of practice (First revision)
311	3	MS IEC	MS IEC 60364-1:2003	2003	Electrical installations of buildings Part 1: Fundamental principles, assessment of general characteristics, definitions (First revision)(IEC 60364-1:2001,IDT)
312	4	IEC	IEC 60364-4-41:2005 Fifth Edition (2005-12)	2005	Low-voltage electrical installations Part 4: Protection for safety Section 41: Protection against electric shock
313	5	MS IEC	MS IEC 60364-4-41:2003	2003	Electrical installations of buildings Part 4: Protection for safety Section 41: Protection against electric shock (First revision)(IEC 60364-4-41:2001,IDT)
314	6	MS IEC	MS IEC 60364-4-42:2003	2003	Electrical installations of buildings Part 4: Protection for safety Section 42: Protection against thermal effects (IEC 60364-4-42:2001, IDT)
315	7	MS IEC	MS IEC 60364-4-43:2003	2003	Electrical installations of buildings Part 4: Protection for safety Section 43: Overcurrent (IEC 60364-4-43:2001, IDT)
316	8	IEC	IEC 60364-4-43:2001 Second edition (2001-08)	2001	Low-voltage electrical installations Part 4: Protection for safety Section 43: Protection against overcurrent

Item	No.	Type of Std.	Standard Number	Year	Descriptions
317	9	MS IEC	MS IEC 60364-4-44:2007	2007	Electrical installations of buildings Part 4: Protection for safety Section 44: Protection against voltage disturbances and electromagnetic disturbances (Second revision) (IEC 60364-4-44:2003, IDT)
318	10	MS IEC	MS IEC 60364-4-44:2003	2003	Electrical installations of buildings Part 4: Protection for safety Section 44: Protection against voltage disturbances and electromagnetic disturbances (Second revision) (IEC 60364-4-44:2001, IDT)
319	11	IEC	IEC 60364-5-51:2005 Fifth edition (2005-04)	2005	Electrical installations of buildings Part 5-51: Selection and erection of electrical equipment - Common rules
320	12	MS IEC	MS IEC 60364-5-51:2003	2003	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Section 51: Common rules (IEC 60364-5-51:2001, IDT)
321	13	IEC	IEC 60364-5-52:2009 Edition 3.0 (2009-10)	2009	Low-voltage electrical installations Part 5: Selection and erection of electrical equipment Section 52: Wiring systems
322	14	MS IEC	MS IEC 60364-5-52:2003	2003	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Section 52: Wiring systems (IEC 60364-5-52:2001, IDT)
323	15	MS IEC	MS IEC 60364-5-53:2003	2003	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Section 53: Isolation, switching and control (IEC 60364-5-53:2001, IDT)
324	16	IEC	IEC 60364-5-53:2001 Third edition (2001-08)	2001	Selection and erection of electrical equipment - Isolation, switching and control
325	17	IEC	IEC 60364-5-54:2011 Edition 3.0 (2011-03)	2011	Electrical installations of buildings. Part 5: Selection and erection of electrical equipment. Section 54: Earthing arrangements and protective conductors
326	18	MS IEC	MS IEC 60364-5-54:2004	2004	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Section 54: Earthing arrangements, protective conductors and protective bonding conductors (IEC 60364-5-54:2002, IDT)
327	19	MS IEC	MS IEC 60364-5-55:2003	2003	Electrical installations of buildings Part 5: Selection and erection of electrical equipment Section 55: Other equipment (First revision)(IEC 60364-5-55:2001, IDT)
328	20	MS IEC	MS IEC 60364-6-61:2003	2003	Electrical installations of buildings Part 6: Verification Section 61: Initial verification (IEC 60364-6-61:2001, IDT)
329	21	MS IEC	MS IEC 60364-7-702:2003	2003	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 702: Swimming pools and other basins (First revision) (IEC 60364-7-702:1997, IDT)
330	22	MS IEC	MS IEC 60364-7-703:1996 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 703: Locations containing sauna heaters (IEC 60364-7-703:1984, IDT)

Item	No.	Type of Std.	Standard Number	Year	Descriptions
331	23	MS IEC	MS IEC 60364-7-704:2003	2003	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 704: Construction and demolition site installations (First revision) (IEC 60364-7-704:1999, IDT)
332	24	MS IEC	MS IEC 60364-7-705:1996 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 705: Electrical installations of agricultural and horticultural premises (IEC 60364-7-705 : 1984, IDT)
333	25	MS IEC	MS IEC 60364-7-706:1996 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 706: Restrictive conducting locations (IEC 60364-7-706 : 1983, IDT)
334	26	MS IEC	MS IEC 60364-7-707 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 707: Earthing requirements for the installations of data processing equipment
335	27	MS IEC	MS IEC 60364-7-708 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 708: ELECTRICAL INSTALLATIONS IN CARAVAN PARKS AND CARAVANS (IEC 60364-7-708:1988, IDT)
336	28	MS IEC	MS IEC 60364-7-709 (Confirmed:2002)	1996	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 709: MARINAS AND PLEASURE CRAFT (IEC 60364-7-709:1994, IDT)
337	29	MS IEC	MS IEC 60364-7-712:2006	2006	Electrical installations of buildings Part 7: Requirements for special installations or locations Section 712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems (IEC 60364-7-712:2002,IDT)
338	30	IEC	IEC60364-7-714:2011 Edition 2.0 (2011-12)	2011	Low-voltage electrical installations Part 7-714: Requirements for special installations or locations - External lighting installations
340	32	IEC	IEC 60364-8-1:2014 Edition 1.0 (2014-10)	2014	Low-voltage electrical installations Part 8-1: Energy efficiency
341	33	IEC	IEC/TS 60479-1:2005 Edition 4.0 (2005-07)	2005	Effects of current on human beings and livestock Part 1: General aspects
342	34	IEC	IEC TS 60479-2:2007 Third edition (2007-05)	2007	Effects of current on human beings and livestock Part 2: Special aspects
343	35	IEC	IEC 60479-3:1998 First edition (1998-09)	1998	Effects of current on human beings and livestock Part 3: Effects of currents passing through the body of livestock
344	36	IEC	IEC/TR 60479-4:2011 Edition 2.0 (2011-10)	2011	Effects of current on human beings and livestock Part 4: Effects of lightning strokes
345	37	IEC	IEC/TR 60479-5:2007 Edition 1.0 (2007-11)	2007	Effects of current on human beings and livestock Part 5: Touch voltage threshold values for physiological effects
346	38	IEC	IEC/TS 61201:2007 Edition 2.0 (2007-08)	2007	Use of conventional touch voltage limits - Application guide

Item	No.	Type of Std.	Standard Number	Year	Descriptions
347	39	IEC	IEC 61936-1:2014 Edition 2.1 (2014-02)	2014	Power installations exceeding 1 kV a.c. Part 1: Common rules
348	40	IEC	IEC 61936-1:2010 Edition 2.0 (2010-08)	2010	Power installations exceeding 1 kV a.c. Part 1: Common rules
349	41	IEC	IEC 61140:2001 Third edition (2001-10)	2001	Protection Against Electric Shock - Common Aspects For Installation And Equipment
350	42	IEC	IEC/TR 61200-52:2013 Edition 2.0 (2013-07)	2013	Electrical installation guide - Part 52: Selection and erection of electrical equipment - Wiring systems
POWER QUALITY					
351	1	IEEE	IEEE Std 1159:2009	2009	IEEE Recommended Practice for monitoring electric power quality
MAINTENANCE					
352	1	BS	BS 6423:2014	2014	Code of practice for maintenance of low-voltage switchgear and controlgear
CONFIRMITY ASSESSMENT					
353	1	MS	MS ISO/IEC 17020:2012	2012	Conformity assessment - requirements for the operation of various types of bodies performing inspection (First revision) (ISO/IEC 17020:2012, IDT)
MEASUREMENT					
354	1	IEC	IEC 60990:1999 Second edition (1999-08)	1999	Methods Of Measurement Of Touch Current And Protective Conductor Current
GENERAL					
355	1	IEC	IEC 60529:2013 Edition 2.2 (2013-08)	2013	Degrees of protection provided by enclosures (IP Code)
356	2	MS	MS IEC 60529:2005	2005	Degree of protection provided by enclosures (IP Code) (First Revision) (IEC 60529:2001,IDT)
357	3	IEC	IEC 60529:2001 Edition 2.1 (2001-02)	2001	Degrees of protection provided by enclosures (IP Code)
358	4	IEC	IEC 62262:2002 First edition (2002-02)	2002	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)
359	5	MS	MS 2223-1:2015 (BM)	2015	Maklumat dan pendokumenan - Pengurusan rekod Bahagian 1: Am (ISO 15489-1:2001, IDT)
360	6	MS	MS 2223-2:2015 (BM)	2015	Maklumat dan pendokumenan - Pengurusan rekod Bahagian 2: Garis panduan
361	7	IEC	IEC 50(604):1987 First edition	1987	International Electrotechnical Vocabulary Chapter 604: Generation, Transmission And Distribution Of Electricity - Operation
362	8	IEC	IEC 60050(601):1985 Ammendment 1 (1998-04)	1985	International Electrotechnical Vocabulary Chapter 601: Generation, Transmission And Distribution Of Electricity - General
363	9	IEC	IEC 60050(605):1983	1983	International Electrotechnical Vocabulary Chapter 605: Generation, Transmission And Distribution Of Electricity - Substations

Item	No.	Type of Std.	Standard Number	Year	Descriptions
364	10	IEC	IEC 61082-1:2006 Second edition (2006-04)	2006	Preparation of documents used in electrotechnology Part 1: Rules
365	11	IEC	IEC 60445:2006 Fourth edition (2006-11)	2006	Information structures and elements, identification and marking principles, documentation and graphical symbols
366	12	IEC	IEC 60445:2010 Edition 5.0 (2010-08)	2010	Information structures and elements, identification and marking principles, documentation and graphical symbols
367	13	IEC	IEC 60417:2008 (2008-03)	2008	Graphical symbols for use on equipment
368	14	BS	BS 1339-1:2002	2002	Humidity Part 1: Terms, definitions and formulae
369	15	BS	BS 1339-3:2004	2004	Humidity Part 3: Guide to the measurement of humidity
370	16	BS EN	BS EN 61010-1:2010	2010	Safety requirements for electrical equipment for measurement, control and laboratory use Part 1: General requirements
371	17	BS EN	BS EN 61010-2-051:2015	2015	Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-051: Particular requirements for laboratory equipment for mixing and stirring
372	18	IEC	IEC 60073:2002 Sixth edition (2002-05)	2002	Basic And Safety Principles For Man - Machine Interface, Marking And Identification - Coding Principles For Indicators And Actuators
373	19	IEC	IEC 60447:2004 Third edition (2004-01)	2004	Basic And Safety Principles For Man - Machine Interface, Marking And Identification - Actuating Principles
374	20	IEC	IEC 410:1973 First edition	1973	Sampling Plans And Procedures For Inspection By Attributes
375	21	IEC	IEC 68-1:1988 Sixth edition	1988	Environmental Testing Part 1: General And Guidance
376	22	MS IEC	MS IEC 60068-2-1:2008	2008	Environmental Testing Part 2-1: Tests - Tests A: Cold (IEC 60068-2-1:2007, IDT)
377	23	IEC	IEC 60068-2-1:2007 Sixth edition (2007-03)	2007	Environmental Testing Part 2: Tests Section 1: Test A: Cold
378	24	MS IEC	MS IEC 60068-2-2:2007	2007	BASIC ENVIRONMENTAL TESTING PROCEDURES PART 2: TESTS - TESTS B: DRY HEAT (IEC 60068-2-2:1974, Amendment 1:1993, Amendment 2:1994, IDT)
379	25	MS IEC	MS IEC 60068-2-5:2007	2007	BASIC ENVIRONMENTAL TESTING PROCEDURES PART 2: TESTS - TESTS SA: SIMULATED SOLAR RADIATION AT GROUND LEVEL (IEC 60068-2-5:1975, IDT)
380	26	IEC	IEC 60068-2-6:2007 Edition 7.0 (2007-12)	2007	Environmental Testing Part 2: Tests Section 6: Test Fc: Vibrations (Sinusoidal)

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381	27	IEC	IEC 68-2-11:1981 Third edition	1981	Basic environmental testing procedures Part 2: Tests
382	28	IEC	IEC 60068-2-47:1999 Second edition (1999-10)	1999	Environmental Testing Part 2: Test Methods Section 47: Mounting Of Components, Equipment And Other Articles For Vibration, Impact And Similar Dynamic Tests
383	29	IEC	IEC 60068-2-57:1999 Second edition (1999-11)	1999	Environmental Testing Part 2: Tests Section 57: Test Ff: Vibration - Time - History Method
384	30	IEC	IEC 60068-2-58:1999 Second edition (1999-01)	1999	Environmental Testing Part 2: Tests Section 58: Test Td: Test Methods For Solderability, Resistance To Dissolution Of Metallization And To Soldering Heat Of Surface
385	31	IEC	IEC 68-2-59:1990 First edition (1990-11)	1990	Environmental Testing Part 2: Test Methods Section 59: Test Fe: Vibration - Sine-Beat Method
386	32	MS IEC	MS IEC 60068-2-64:2009	2009	ENVIRONMENTAL TESTING PART 2-64: TESTS - TEST FH: VIBRATION, BROADBAND RANDOM AND GUIDANCE (IEC 60068-2-64:2008, IDT)
387	33	IEC	IEC 68-3-3:1991 First edition (1991-03)	1991	Environmental testing Part 3: Guidance, Seismic test methods for equipments
388	34	IEC	IEC 721-2-6:1990 First edition (1990-12)	1990	Classification of environmental conditions. Part 2: Environmental conditions appearing in nature. Earthquake vibration and shock
389	35	MS IEC	MS IEC 60085:2013	2013	Electrical insulation - Thermal evaluation and designation (IEC 60085:2007, IDT)
390	36	IEC	IEC 60085:2007 Edition 4.0 (2007-11)	2007	Electrical insulation - Thermal evaluation and designation
391	37	IEC	IEC 60112:2009 Edition 4.1 (2009-10)	2009	Method for the determination of the proof and the comparative tracking indices of solid insulating materials
392	38	IEC	IEC 60216-1:2013 Edition 6.0 (2013-03)	2013	Electrical insulating materials - Thermal endurance properties Part 1: Ageing procedures and evaluation of test results
393	39	IEC	IEC 60216-5:2008 Edition 3.0 (2008-03)	2008	Electrical Insulating Materials - Thermal Endurance Propertiles Part 5: Determination Of Relative Thermal Endurance Index (RTE) Of An Insulating Material
394	40	IEC	IEC 60297-3-105:2008 Edition 1.0 (2008-11)	2008	Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series Part 3-105: Dimensions and design aspects for 1U high chassis
395	41	IEC	IEC 60297-3-106:2010 Edition 1.0 (2010-03)	2010	Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series Part 3-106: Adaptation dimensions for subracks and chassis applicable with metric cabinets or racks in accordance with IEC 60917-2-1
396	42	IEC	IEC 60917-2-4:2010 Edition 1.0 (2010-03)	2010	Modular order for the development of mechanical structures for electronic equipment practices Part 2-4: Sectional specification - Interface co-ordination dimensions for the 25 mm equipment practice - Adaptation dimensions for subracks or chassis applicable in cabinets or racks in accordance with IEC 60297-3-100 (19 in)
397	43	IEC	IEC 61587-2:2011 Edition 2.0 (2011-08)	2011	Mechanical structures for electronic equipment - Tests for IEC 60917 and 60297 Part 2: Seismic tests for cabinets and racks

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398	44	BS EN	BS EN 61587-2:2011	2011	Mechanical structures for electronic equipment tests for IEC 60917 and IEC 60297
399	45	IEC	IEC 61587-4:2012 Edition 1.0 (2012-08)	2012	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 series Part 4: Combination of performance levels for modular cabinets
400	46	IEC	IEC 61587-5:2013 Edition 1.0 (2013-12)	2013	Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 Part 5: Seismic tests for chassis, subracks and plug-in units
401	47	IEC	IEC 61642:1997	1997	Industrial a.c. networks affected by harmonics - Application of filters and shunt capacitors
402	48	IEC	IEC 654-3:1983 First edition	1983	Operating conditions for industrial-process measurement and control equipment Part 3: Mechanical influences
403	49	IEC	IEC 60949:2008 Edition 1.0 (2008-09)	AMD 2008	Calculation of thermally permissible short-circuit currents, taking into account non-adiabatic heating effects
404	50	IEC	IEC 949:1988 First edition	1988	Calculation of thermally permissible short-circuit currents, taking into account non-adiabatic heating effects
405	51	IEC	IEC 60986:2008 Edition 2.1 (2008-11)	2008	Short-circuit temperature limits of electric cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV)
406	52	IEEE	IEEE Std 693:2005	2005	Recommended Practice for Seismic Design of Substations
407	53	IEC	IEC TS 61463:2000 Edition 1.1 (2000-04)	2000	Bushings - Seismic qualification
408	54	IEC	IEC 980:1989 First edition (1989-06)	1989	Recommended Practices for Seismic. Qualification of Electrical Equipment of the Safety System for Nuclear Generating Stations
409	55	IEC	IEC GUIDE 104:2010 Edition 4.0 (2010-08)	2010	The preparation of safety publications and the use of basic safety publications and group safety publications
410	56	IEC	IEC GUIDE 116:2010 Edition 1.0 (2010-08)	2010	Guidelines For Safety Related Risk Assessment And Risk Reduction For Low Voltage equipment
411	57	IEC	IEC GUIDE 117:2010 Edition 1.0 (2010-10)	2010	Electrotechnical equipment - Temperatures of touchable hot surfaces
412	58	IEC	IEC/TS 62371:2008 Edition 1.0 (2008-05)	2008	Characteristics of hollow pressurised and unpressurised ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1000 V
413	59	MS	MS 2657:2016	2016	Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc alloyed with aluminium and magnesium
414	60	JCGM	JCGM 100 GUM 1995:2008	2008	Evaluation of measurement data - Guide to the expression of uncertainty in measurement
415	61	IS	IS 14989:2001	2001	Recommended Practices for Seismic. Qualification of Electrical Equipment of the Safety System for Nuclear Generating Stations
416	62		TNB	2011	Underground 11kV/33kV Cable Trenching Manual Special Requirements for Areas with Dedicated Utility Trench and No Digging Policy
417	63		TNB	2012	Underground Cable System Design Manual
418	64		TNB	2012	Substation Design Manual
419	65		TNB	2014	Street Lighting Design Manual