National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	KARANDIKAR LABORATORIES PVT. LTD., GAT NO. 142, BOISAR CHILHAR ROAD, AT BETEGAON, BOISAR(E), BOISAR, MAHARASHTRA, INDIA		
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Permanent Facility				
1	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Clearances, Creepage Distances and Solid Indulation	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 29, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 29: RA 2016
2	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Construction	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 22, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 22: RA 2016
3	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Heating	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 11, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 11: RA 2016
4	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Internal Wiring	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 23, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 23: RA 2016
5	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Leakage Current and Electric strength	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 16, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 16: RA 2016
6	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Leakage Current and Electric Strength at Operating Temperature	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 13, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 13: RA 2016
7	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Marking and Instructions	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 7, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 7: RA 2016

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8	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Mechanical Strength	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 21, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 21: RA 2016
9	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Moisture Resistance	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 15, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 15: RA 2016
10	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Power input and current	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 10, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 10: 2015
11	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Power Measurement	IEC 62301(Edition 2.0), Cl. 5: 2011
12	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Protection against Access to live Parts	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 8, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 8: RA 2016
13	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Provision for Earthing	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 27, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 27: RA 2016
14	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Resistance to Heat and Fire (needle flame, ball pressure & glow wire)	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Annex E, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Annex E, RA 2016
15	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Screws and Connections	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 28, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 28: RA 2016

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16	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Terminals for External Conductors	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 26, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 26: RA 2016
17	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household and similar electrical appliances	Transient Over Voltages	IS 302-1: 2008 + AMD 1: 2009 + AMD 2: 2013 + AMD 3: 2014 + AMD 4: 2015 Cl. 14, IEC 60335-1 (Ed. 5.2): 2010 + AMD 1: 2013 + AMD 2: 2016 Cl. 14: RA 2016
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Salt Spray (Corrosion)	IS 9000 (Part XI):1983 (RA 2016), IEC 60068-2-11(Edition 3.0):1981
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Bump	IS 9000 (Part VII), IS 3624 (RA 2018), JSS 55555 : 2012 Rev.03 + AMD 1 JSS 50101 : 1996 Rev 01 (RA 2012), QM 333 & similar
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Change of Temperature	IS 9000 (Part 14):1988 (RA 2018), IEC 60068-2-14:2009
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Cold (Low Temperature)	IS 9000 (Part II/Sec 1 to 4):1977 (RA 2016), IEC 60068-2-1:2007
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Composite Temperature and Humidity	IS 9000 (Part VI):1978 (RA 2016)
23	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Damp heat steady state	IS 9000 (Part IV):2008 (RA 2018), IEC 60068-2-78:2012
24	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Damp Heat Cyclic	IS 9000 (Part V): 1981 (RA 2016), IEC 60068-2-30:2005
25	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Dry Heat (High temperature)	IS 9000 (Part III Sec 1 to 5):1977 (RA 2016), IEC 60068-2-2 : 2007

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26	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Shock	IS 9000 (Part VII), IS 16046, IS 3624: 1987 (RA 2018), JSS 55555:2012 Rev.03 + AMD 1, IEC 60068-2-27 (Edition 4.0):2008, JSS : 50101:1996 Rev 01 (RA 2012), QM : 333, IEC 60571(Edition 3.0):2012 & similar
27	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Temperature cycling	IS 9000 (Part XXIV) : 1988 (RA 2015)
28	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical and Electronics equipment & sub-assemblies	Vibration	IEC 60068-2-6:2007, IS 9000 (Part VIII):1981 (RA 2018), IS 16046, IEC 61298(Part 1 to 4):2008, EN 837(Part 1):1996, EN 837(Part 2):1997, EN 837(Part 3):1996, IS 1248 (Part 1 to 5), IS 3624 (RA 2018), JSS 55555:2012 Rev.03 + AMD 1, IEC 60688 (Edition 3.0):2012, IEC : 60068-2-64, JSS 50101:1996 Rev 01 (RA 2012), QM 333, IEC 60571(Edition 3.0):2012 & similar
29	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingess protection	IS 10322 (Part 4): 1984 (RA 2005), IS 10322 (Part 1)
30	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection	IS/IEC 60529 : 2001(RA 2014), IEC 60529:1989 + AMD 1:1999 + AMD 2:2013
31	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection	IS/IEC 60034-5:2000, IEC 60034-5:2006, IEC 60034-5:2020
32	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection of low voltage switch gear and control gear	IS/IEC 60947(Part 1): 2007 (RA 2017)Appendix C, IEC 60947(Part-1):2007+AMD1:2010+AMD2:2014 Ed.5.2, IS/IEC 60529: 2001, IEC 60529: 2013, IS 12063: 1987, IS/IEC 60034-5: 2000, IEC 60034-5: 2006, IEC 60034-5:2020, IS 4691: 1985, IS 10322 (Part 4): 1984 + AMD 1: 2011
33	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	construction	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.7

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34	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Construction	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.7
35	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	creepage distances and clearance	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.8
36	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Dielectric strength	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.15
37	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Earth bond	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.9
38	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	external and internal wiring	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.11
39	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Humidity Treatment and insulation resistance	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.15
40	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Resistance to heat fire and traiking	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.16
41	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Terminals	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.10
42	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Terminals	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.10
43	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	terminals	IS 10322(Part 5/sec 1): 2012 (RA 2017) Cl.10
44	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Terminals	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.7
45	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Touch current	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.15
46	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	verification of marking	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.6
47	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaires	Verification of protection against electric shock	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.12

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48	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Fixed General Purpose Luminaries	construction	IS 10322(Part 5/sec 1): 2012(RA 2017) Cl.7
49	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Earth bond	IEC 60598-1 (Edition 8.0) : 2014 Cl.15.6.3.1, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl.15.6.3.1, IS 10322(Part-1):2014(RA 2019)+A1:2019 Cl.15.6.3.1
50	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Insulation Resistance	IEC 60598-1 (Edition 8.0) : 2014 Cl.10.0, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl.10.2.1, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.10.2.1
51	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Creepage and clearances	IEC 60598-1 (Edition 8.0) : 2014 Cl.11.0, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl.11.0, IS 10322(Part-1):2014 (RA 2019) + A1 : 2019 Cl.11.0
52	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Earth Bond	IEC 60598-1 (Edition 8.0) : 2014 Cl.7.2.3, IEC 60598-1 (Edition 8.1): 2014+AMD 1 : 2017 Cl. 7.2.3, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.7.2.3
53	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	heating test	IEC 60598-1 (Edition 8.0) : 2014 Cl.15.5.2.2, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl.15.5.2.2, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.15.5.2.2
54	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Heating test	IEC 60598-1 (Edition 8.0) : 2014 Cl.15.6.3.2, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 15.6.3.2, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.15.6.3.2
55	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Humidity treatment	IEC 60598-1 (Edition 8.0) : 2014 Cl.9.3, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 9.3, IS 10322(Part-1):2014 (RA 2019)+ A1 : 2019 Cl.9.3

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56	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Ingress protection	IEC 60598-1 (Edition 8.0) : 2014 Cl. 9.0, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 9.0, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.9.0
57	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Insulation resistance and electric strength	IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.10
58	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Mechanical strength	IEC 60598-1 (Edition 8.0) : 2014 Cl.4.13.1, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 4.13.1, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.4.13.1
59	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Pull	IEC 60598-1 (Edition 8.0) : 2014 Cl. 5.2.10.3, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 5.2.10.3, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.5.2.10.3
60	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Pull	IEC 60598-1 (Edition 8.1): 2014+AMD 1 : 2017 Cl.15.5.1 & Cl.15.5.2, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.15.5.1 & Cl.15.5.2
61	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Resistance to corrosion	IEC 60598-1 (Edition 8.0) : 2014 Cl.4.18.1, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 4.18.1, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.4.18.1
62	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Resistance to heat fire and tracking	IEC 60598-1 (Edition 8.0) : 2014 Cl.13.0, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl. 13.0, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.13.0
63	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Screw and connection	IEC 60598-1 (Edition 8.0) : 2014 Cl.4.12, IEC 60598- 1 (Edition 8.1): 2014+AMD 1:2017 Cl.4.12, IS 10322(Part-1):2014(RA 2019)+ A1 : 2019 Cl.4.12

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64	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Screw and terminals	IEC 60598-1 (Edition 8.0) : 2014 Cl.14.0, IEC 60598-1 (Edition 8.1): 2014+AMD 1:2017 Cl.14.0, IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.14.0
65	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Screw and terminals	IS 10322(Part-1):2014 (RA 2019)+A1:2019 Cl.14.0
66	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Lamps, luminaries and accessories	Verification of marking	IEC 60598-1 (Edition 8.0) : 2014 Cl.3.4, IEC 60598-1 (Edition 8.1): 2014+AMD1:2017 Cl. 3.4, IS 10322(Part-1):2014 (RA 2019) + A1 : 2019 Cl.3.4
67	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	creepage and clearance	IS 16103 Part 1 :2012 (RA 2017) + AMD 1: 2014 Cl. 16, IS 15885 (Part 1):2011 (RA 2016) Cl. 16
68	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	Dielectric Strength	IS 16103 Part 1: 2012 (RA 2017) + AMD 1: 2014 Cl. 12, IS 15885 (Part 1):2011 (RA 2016) Cl. 12
69	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	Earth bond	IS 16103 (Part 1) :2012 (RA 2017) + AMD 1: 2014 Cl. 9, IS 15885 (Part 1):2011 (RA 2016) Cl. 9
70	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	Humidity Treatment and insulation resistance	IS 16103 (Part 1):2012 (RA 2017) + AMD 1: 2014 Cl. 11, IS 15885 (Part1):2011 (RA 2016) Cl. 11
71	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	moisture resistance and insulation	IS 16103 (Part 1):2012 (RA 2017) + AMD 1: 2014 Cl. 11
72	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	Moisture resistance and insulation resistance	IS 16103 (Part 1):2012 (RA 2017) + AMD 1: 2014 Cl. 11
73	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	protection against live parts	IS 16103 (Part 1) :2012 (RA 2017)+ AMD 1: 2014 Cl. 10, IS 15885 (Part 1):2011 (RA 2016) Cl. 10

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74	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	LED module for generating lighting	Resistance to heat fire and tracking	IS 16103 (Part 1): 2012 (RA 2017) + AMD 1: 2014 Cl. 18, IS 15885 (Part 1):2011 (RA 2016) Cl. 18
75	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Ball presuure	IS 16102(Part-1): 2012(RA 2017) +A1 : 2015 + A2 : 2016 Cl.11
76	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	creepage distance and clearances	IS 16102(Part-1): 2012 (RA 2017) +A1 : 2015 + A2 : 2016 Cl.14
77	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Dielectric strength	IS 16102(Part-1): 2012(RA 2017) +A1 : 2015 + A2 : 2016 Cl.8.2
78	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	fault conditions	IS 16102(Part-1): 2012(RA 2017) + A1 : 2015 + A2 : 2016 Cl.13
79	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Glow wire	IS 16102(Part-1): 2012(RA 2017) + A1 : 2015 + A2 : 2016 Cl.12
80	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	insulation resistance	IS 16102(Part-1): 2012 (RA 2017) + A1 : 2015 + A2 : 2016 Cl.8.1.1
81	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Verification of interchangeability	IS 16102(Part-1): 2012(RA 2017) + A1 : 2015 + A2 : 2016 Cl.6
82	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Verification of marking	IS 16102(Part-1): 2012(RA 2017) + A1 : 2015 + A2 : 2016 Cl.5
83	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Verification of protection against electric shock	IS 16102(Part-1): 2012 (RA 2017) + A1 : 2015 + A2 : 2016 Cl.7
84	ELECTRICAL- LAMPS, LUMINARIES & ACCESSORIES	Self - Ballasted LED lamps for general lighting services	Verification of torsion resistance for lamp holder	IS 16102(Part-1): 2012(RA 2017) + A1 : 2015 + A2 : 2016 Cl.9
85	ELECTRICAL- MISCELLANEOUS	Electrical equipment	Ability of pressurized enclosure to limit internal pressure	IS/IEC 60079-2:2007 Cl. 16.8, IS/IEC 60079-2:2014 Cl. 16.8, NPFA 496: 2017
86	ELECTRICAL- MISCELLANEOUS	Electrical equipment	Battery rating	IS/IEC 60079-19: 2006 Cl.6.2.11, IS/IEC 60079-19: 2010 Cl.6.2.11, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.11

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87	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Cage rotor construction	IS/IEC 60079-7: 2006 Cl. 6.2.3.2, IS/IEC 60079-7: 2015 Cl. 6.2.3.2, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.2
88	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Degree of protection (Enclosure and cable glands)	IS/IEC 60079-19: 2006 Cl.6.2.1 & Cl.6.2.2, IS/IEC 60079-19: 2010 Cl.6.2.1 & Cl.6.2.2, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.1 & 6.2.2
89	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of starting current ratio	IS/IEC 60079-7: 2006 Cl. 6.2.1, IS/IEC 60079-7: 2015 Cl. 6.2.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.1
90	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of Time te	IS/IEC 60079-7: 2006 Annexure A, IS/IEC 60079-7: 2015 Annexure A, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Annexure A
91	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl.6.2.12, IS/IEC 60079-19: 2010 Cl.6.2.12, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.12
92	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl.6.2.13, IS/IEC 60079-19: 2010 Cl.6.2.13, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.13
93	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl.6.2.16, IS/IEC 60079-19: 2010 Cl.6.2.16, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.16
94	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric Strength	IS/IEC 60079-7: 2006 Cl. 6.1, IS/IEC 60079-7: 2015 Cl. 6.1, IEC 60079-7(Ed.5.0): 2015, Cl. 6.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.1
95	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength (of the filling material)	IS/IEC 60079-5:2007 Cl. 5.1.4, IS/IEC 60079-5:2015 Cl. 5.1.3, IEC 60079-5(Ed. 3.0): 2007 Cl. 5.1.4, IEC 60079-5(Ed. 4.0): 2015 Cl. 5.1.3

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96	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength (of the filling material)	IS/IEC 60079-5:2007 Cl. 5.2.2, IS/IEC 60079-5:2015 Cl. 5.2.2, IEC 60079-5(Ed. 3.0): 2007 Cl. 5.2.2, IEC 60079-5(Ed. 4.0): 2015 Cl. 5.2.2
97	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl.5.2.6.3.2, IS/IEC 60079-19: 2010 Cl.5.2.6.3.2, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.6.3.2
98	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dilution	IS/IEC 60079-2: 2007 Cl. 16.4.2.2 & 16.4.3.2 & 16.4.4.2, IS/IEC 60079-2:2014 Cl. 16.5.2.2 & 16.5.3.2 and 16.5.4.2, IEC 60079-2 (Edition 6.0) :2014 Cl. 16.5.2.2 & 16.5.3.2 and 16.5.4.2, NPFA 496: 2017
99	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl. 6.2.7, IS/IEC 60079-19: 2010 Cl.6.2.7, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.7
100	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl.6.2.3, IS/IEC 60079-19: 2010 Cl.6.2.3, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.3
101	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl.6.2.8, IS/IEC 60079-19: 2010 Cl.6.2.8, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.8
102	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Evaluation	IS/IEC 60079-19: 2006 Cl.6.2.5, IS/IEC 60079-19: 2010 Cl.6.2.5, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.5
103	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Filling procedure test for a pressurized enclosure protected by static pressurization	IS/IEC 60079-2:2007 Cl. 16.3.4, IS/IEC 60079-2:2014 Cl. 16.4.5, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.5, NPFA 496: 2017
104	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flammability	IS/IEC 60079-30-1:2007 Cl. 5.1.4 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015

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105	ELECTRICAL-MISCELLANEOUS	Electrical equipment	General Purpose connection and junction boxes measurement of temperature and power dissipated	IS/IEC 60079-7: 2006 Cl. 6.7, IS/IEC 60079-7: 2015 Cl. 6.8, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.8
106	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High voltage withstand	IS/IEC 60079-19: 2006 Cl.5.2.6.3.1 C, IS/IEC 60079-19: 2010 Cl.5.2.6.3.1 C, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.6.3.1 C: 2010
107	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Impact	IS/IEC 60079-30-1:2007 Cl. 5.1.5 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
108	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl.5.2.2, IS/IEC 60079-19: 2010 Cl.5.2.2, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.2
109	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-30-1:2007 Cl. 5.1.3 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
110	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-7: 2006 Cl. 6.6, IS/IEC 60079-7: 2015 Cl. 6.6.2, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.6.2
111	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Integral components resistance to water	IS/IEC 60079-30-1:2007 Cl. 5.1.9 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
112	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Leakage Test: Other than static pressurization	IS/IEC 60079-2:2007 Cl. 16.2.1, IS/IEC 60079-2:2014 Cl. 16.3.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.3.1, NPFA 496: 2017
113	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum over pressure	IS/IEC 60079-2:2007 Cl. 16.1, IS/IEC 60079-2:2014 Cl. 16.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.2, NPFA 496: 2017
114	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum over-pressure rating	IS/IEC 60079-2:2007 Cl. 16.1, IS/IEC 60079-2:2014 Cl. 16.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.1, NPFA 496: 2017

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115	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum Temperatures	IS/IEC 60079-5:2007 Cl. 5.1.5, IS/IEC 60079-5:2015 Cl. 5.1.5, IEC 60079-5(Ed. 3.0): 2007 Ed. 3.0 Cl. 5.1.5, IEC 60079-5 (Edition 4.0):2015 Cl. 5.1.5
116	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Opto-couplers rating	IS/IEC 60079-19: 2006 Cl. 6.2.9, IS/IEC 60079-19: 2010 Cl.6.2.9, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.9
117	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for a Containment system with limited release)	IS/IEC 60079-2:2007 Cl. 16.8, IS/IEC 60079-2:2014 Cl. 16.8, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.8, NPFA 496: 2017
118	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for an infallible containment system)	IS/IEC 60079-2:2007 Cl. 16.6.1, IS/IEC 60079-2:2014 Cl. 16.7.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.7.1, NPFA 496: 2017
119	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (on sealed enclosures)	IS/IEC 60079-6:2007 Cl. 5.1.1, IS/IEC 60079-6:2015 Cl. 6.1.1, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.1, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.1
120	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (on unsealed enclosures)	IS/IEC 60079-6:2007 Cl. 5.1.3, IS/IEC 60079-6:2015 Cl. 6.1.3, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.3, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.3
121	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure test (where protective gas is air)	IS/IEC 60079-2:2007 Cl. 16.3.1, IS/IEC 60079-2:2014 Cl. 16.4.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.1, NPFA 496: 2017
122	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure test (where protective gas is inert)	IS/IEC 60079-2:2007 Cl. 16.3.2, IS/IEC 60079-2:2014 Cl. 16.4.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.2, NPFA 496: 2017
123	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure type test of enclosure	IS/IEC 60079-5:2007 Cl. 5.1.1, IS/IEC 60079-5:2015 Cl 5.1.1, IEC 60079-5(Ed. 3.0): 2007 Cl 5.1.1, IEC 60079-5(Ed. 4.0): 2015 Cl 5.1.1
124	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressurized enclosure test where protective gas is inert or air with density equal to air ±10%	IS/IEC 60079-2:2007 Cl. 16.3.3, IS/IEC 60079-2:2014 Cl. 16.4.3, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.3, NPFA 496: 2017

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125	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pull	IS/IEC 60079-7: 2006 Cl. 6.9, IS/IEC 60079-7: 2015 Cl. 6.10, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.10
126	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Purging	IS/IEC 60079-2:2007 Cl. 16.4.2.1, 16.4.3.1, 16.4.4.1, IS/IEC 60079-2:2014 Cl. 16.5.2.1, 16.5.3.1, 16.5.4.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.5.2.1, 16.5.3.1, 16.5.4.1, NPFA 496: 2017
127	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Qualification (Verification) of minimum overpressure	IS/IEC 60079-2: 2007 Cl. 16.5, IS/IEC 60079-2: 2014 Cl. 16.5, IEC 60079-2(Edition 6.0):2014 Cl. 16.6, NPFA 496: 2017
128	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Reduced Pressure test on sealed enclosures	IS/IEC 60079-6:2007 Cl. 5.1.2, IS/IEC 60079-6:2015 Cl. 6.1.2, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.2, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.2
129	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance heating devices	IS/IEC 60079-7: 2006 Annexure B, IS/IEC 60079-7: 2015 Annexure B, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017 Annexure B
130	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance to heating devices and heating units-Electrical insulation, thermal stability, impact, cold start current	IS/IEC 60079-7: 2006 Cl. 6.8, IS/IEC 60079-7: 2015 Cl. 6.9, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.9
131	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Routine pressure test of enclosure	IS/IEC 60079-5:2007 Cl. 5.2.1, IS/IEC 60079-5:2015 Cl. 5.2.1, IEC 60079-5(Ed. 3.0): 2007 Cl. 5.2.1, IEC 60079-5 (Edition 4.0):2015 Cl. 5.2.1
132	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Static Pressurization	IS/IEC 60079-2:2007 Cl. 16.2.2, IS/IEC 60079-2:2014 Cl. 16.3.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.3.2, NPFA 496: 2017
133	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Stator winding Insulation system (Dielectric strength)	IS/IEC 60079-7: 2006 Cl. 6.2.3.1.3, IS/IEC 60079-7: 2015 Cl. 6.2.3.1.3, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.1.3

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134	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Stator winding Insulation system (Impulse)	IS/IEC 60079-7: 2006 Cl. 6.2.3.1.4, IS/IEC 60079-7: 2015 Cl. 6.2.3.1.4, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.1.4
135	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Stator winding Insulation system (Dielectric strength)	IS/IEC 60079-7: 2006 Cl. 6.2.3.1, IS/IEC 60079-7: 2015 Cl. 6.2.3.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.1
136	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Stator winding Insulation system (Impulse)	IS/IEC 60079-7: 2006 Cl. 6.2.3.1.4, IS/IEC 60079-7: 2015 Cl. 6.2.3.1.4, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.1.4
137	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-7: 2006 Cl. 6.3.1 & 6.3.2, IS/IEC 60079-7: 2015 Cl. 6.3.1 & 6.3.2, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.3.1 & 6.3.2
138	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-7: 2006 Cl. 6.4, IS/IEC 60079-7: 2015 Cl. 6.4, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017 Cl. 6.4
139	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-7: 2006 Cl. 6.5, IS/IEC 60079-7: 2015 Cl. 6.5, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017 Cl. 6.5
140	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal endurance	IS/IEC 60079-30-1:2007 Cl. 5.1.11 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
141	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal performance	IS/IEC 60079-30-1:2007 Cl. 5.1.12 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
142	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque measurement	IS/IEC 60079-7: 2006 Cl. 6.3.1, IS/IEC 60079-7: 2015 Cl. 6.3.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017 Cl. 6.3.1
143	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-5:2007 Cl. 4 IS/IEC 60079-5:2015 Cl 4.0, IEC 60079-5(Ed. 4.0): 2015 Cl 4.0

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144	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-6:2007 Cl. 4, IS/IEC 60079-6:2015 Cl. 4, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl 4.0
145	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-7: 2006 Cl. 4, IS/IEC 60079-7: 2015 Cl. 4, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 4
146	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of degree of protection of enclosures	IS/IEC 60079-5:2007 Cl. 5.1.3, IS/IEC 60079-5:2015 Cl. 5.1.2, IEC 60079-5(Ed. 4.0): 2015 Cl. 5.1.2
147	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of electrical components	IS/IEC 60079-19: 2006 Cl.6.2.10, IS/IEC 60079-19: 2010 Cl.6.2.10, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.10
148	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of equivalent encapsulated components	IS/IEC 60079-19: 2006 Cl. 6.2.14, IS/IEC 60079-19: 2010 Cl.6.2.14, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.14
149	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of marking	IS/IEC 60079-5:2007 Cl. 6, IS/IEC 60079-5:2015 Cl. 6, IEC 60079-5(Ed. 3.0): 2007 Ed. 3.0 Cl. 6, IEC 60079-5 (Edition 4.0):2015 Cl. 6
150	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of marking	IS/IEC 60079-6:2007 Cl. 6, IS/IEC 60079-6:2015 Cl. 7, IEC 60079-6(Ed. 3.0): 2007 Cl. 6, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl.7
151	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of protective liquid requirements	IS/IEC 60079-6:2007 Cl. 4.2, IS/IEC 60079-6:2015 Cl. 5, IEC 60079-6(Ed. 3.0): 2007 Cl 5.0, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl 5.0
152	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of rated output	IS/IEC 60079-30-1:2007 Cl. 5.1.10 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
153	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of relay contact changeover	IS/IEC 60079-19: 2006 Cl. 6.2.6, IS/IEC 60079-19: 2010 Cl.6.2.6, IEC 60079-19: 2019 (Ed. 4.0), Cl. 6.2.6

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154	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of start-up current	IS/IEC 60079-30-1:2007 Cl. 5.1.14 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
155	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Water resistance	IS/IEC 60079-30-1:2007 Cl. 5.1.8 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
156	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric Strength	IS/IEC 60079-18: 2009 Cl.8.1.2, IS/IEC 60079-18: 2014 Cl.8.1.2, IEC 60079-18(Edition 3.0) : 2009 , IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.1.2
157	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ageing Test for materials	IS/IEC 60079-0 A 3.3
158	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Alternative Qualification of Elastomeric Sealing O-rings (Thickness measurement of O-ring before and after conditioning	IS/IEC 60079-0 : 2004 Cl. 26.16, IS/IEC 60079-0 : 2007 Cl. 26.16, IS/IEC 60079-0 : 2011 Cl. 26.16, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.16, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.16
159	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Cable Pull	IS/IEC 60079-18: 2009 Cl.8.2.5, IS/IEC 60079-18: 2014 Cl.8.2.5, IEC 60079-18(Edition 4.1) + AMD 1:2017 Cl.8.2.5
160	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Charging Test (measurement of capacitance)	IS/IEC 60079-0 : 2004 Cl. 26.14, IS/IEC 60079-0 : 2007 Cl. 26.14, IS/IEC 60079-0 : 2011 Cl. 26.14, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.14, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.14
161	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Cold bend	IS/IEC 60079-30-1:2007 Cl. 5.1.7 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
162	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Comparative Tracking Index and dimensional verification	IS/IEC 60079-19: 2006 Cl. 8.2.3, IS/IEC 60079-19: 2010 Cl. 8.2.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.3

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163	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Deformation	IS/IEC 60079-30-1:2007 Cl. 5.1.6 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
164	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of max bubble test pore size, measurement of minimum thickness of sintered elements	IS/IEC 60079-1: 2007 B1, B2, B3(RA 2012), IEC 60079-1 (Edition 7.0): 2014 B1, B2, B3, IS/IEC 60079-1: 2014, B1, B2, B3.
165	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of maximum sheath temperature	IS/IEC 60079-30-1:2007 Cl. 5.1.13 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
166	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric Strength	IS/IEC 60079-15: 2005 Cl.6.8, IS/IEC 60079-15: 2010 Cl.6.5, IEC 60079-15 (Edition 5.0): 2017 Cl.6.5
167	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric Strength	IS/IEC 60079-18: 2009 Cl.8.2.4, IS/IEC 60079-18: 2014 Cl.8.2.4, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.4
168	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl. 7.2.5, IS/IEC 60079-19: 2010 Cl. Cl. 7.2.5, IEC 60079-19: 2019 (Ed. 4) Cl. Cl. 7.2.5
169	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.2, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.2, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.2
170	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-30-1:2007 Cl. 5.1.2 (RA 2012), IEC/IEEE 60079-30-1 (Edition 1.0): 2015, IEC 60079-30-1: 2015
171	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl.11.2.5.2.2, IEC 60079-19 (Edition 3.1) AMD 1:2015 Cl.11.2.6.2.2
172	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength & impulse	IS/IEC 60079-15: 2005 Cl.33.14.2, IS/IEC 60079-15: 2010 Cl.22.13.2, IEC 60079-15 (Edition 5.0): 2017 Cl.22.13.2

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173	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.2, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.2, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.2
174	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric strength	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.2, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.2, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.2
175	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-15: 2005 Cl.6.8, IS/IEC 60079-15: 2010 Cl.6.4, IEC 60079-15 (Edition 5.0): 2017 Cl.6.4, IEC 60112: 2003
176	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl. 11.4.3, IS/IEC 60079-19: 2010 Cl. 11.4.3, IEC 60079-19: 2019 (Ed. 4) Cl. 11.4.3
177	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl. 5.4.3, IS/IEC 60079-19: 2010 Cl. 5.4.3, IEC 60079-19: 2019 (Ed. 4) Cl. 5.4.3
178	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl. 8.4.3, IS/IEC 60079-19: 2010 Cl. 8.4.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.4.3
179	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurement	IS/IEC 60079-19: 2006 Cl. 9.4.3, IS/IEC 60079-19: 2010 Cl. 9.4.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.4.3
180	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimension measurements	IS/IEC 60079-19: 2006 Cl. 5.3.1, IS/IEC 60079-19: 2010 Cl. 5.3.1, IEC 60079-19: 2019 (Ed. 4) Cl. 5.3.1
181	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dimensional measurement, Ingress protection	IS/IEC 60079-15: 2005 Cl.23, IS/IEC 60079-15: 2010 Cl.13, IEC 60079-15(Edition 4.0) : 2010 Cl.13, IEC 60079-15 (Edition 5.0): 2017 Cl.13
182	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Drop	IS/IEC 60079-31: 2008 Cl.6.1.1, IS/IEC & IEC 60079-31: 2013 Cl.6.1.1

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183	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Earth continuity for Ex"i" installations	IS/IEC 60079-17: 2007 & 2013 Table 2 (B.6), IEC 60079-17 (Edition 5.0): 2013 Table 2 (B.6), IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
184	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Earth Continuity (Resistance measurement after conditioning)	IS/IEC 60079-0: 2004 Cl. 26.12, IS/IEC 60079-0: 2007 Cl. 26.12, IS/IEC 60079-0: 2011 Cl. 26.12, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.12, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.12
185	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Electrical Protection Assessment of IA/IN ratio, and checking time tE, temperature rise of short circuited transformer. Verification of single phasing protective devices w.r.t. automatic disconnection overload, short circuit, earth faults	IEC 60079-14 (Edition 4.0): 2007 Cl. 7, IEC 60079-14 (Edition 5.0): 2013 Cl. 7
186	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Explosion test and thermal	IS/IEC 60079-15: 2005 Cl.33.14.1, IS/IEC 60079-15: 2010 Cl.22.13.1, IEC 60079-15 (Edition 5.0): 2017 Cl.22.13.1
187	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex "tD" installations	IS/IEC 60079-17: 2007 Table 4 (B.6)
188	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex"d", Ex"e" ,Ex"n" & Ex t/tD installations	IS/IEC 60079-17: 2007 & 2013 Table 1 (B.7), IEC 60079-17 (Edition 5.0) : 2013 Table 1 (B.7), IS/IEC 60079-1: 2007 (RA 2012) & 2014, IEC 60079-1 (Edition 6.0): 2007 IEC 60079-1 (Edition 7.0): 2014 IS/IEC 60079-7: 2006 IS/IEC 60079-7: 2015 IEC 60079-7(Ed.5.0): 2015 , IEC 60079-7(Ed.5.1): 2017, IS/IEC 60079-15: 2005 IS/IEC 60079-15: 2010 IEC 60079-15(Edition 4.0) : 2010 IEC 60079-15 (Edition 5.0): 2017

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189	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex"p" and Ex"pD" installations	IS/IEC 60079-17: 2007 & 2013 Table 3 (B.4), IEC 60079-17 (Edition 5.0): 2013 Table 3 (B.4), IS/IEC 60079-2: 2007, IS/IEC 60079-2: 2014, IEC 60079-2 : 2007, IEC 60079-2 (Edition 6.0): 2014
190	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flame Non Transmission	IS/IEC 60079-1: 2007 Cl. 15.2 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 15.3, IS/IEC 60079-1: 2014 Cl. 15.3
191	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flammability (Non-metallic parts)	IS/IEC 60079-1: 2007 Cl. 19.3.2 (RA 2012), IEC 60695-11-10
192	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flow measurement	IEC 60079-13:2017 (Ed. 2) Cl.7.5.7
193	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flow rate	IEC 60079-13:2017 (Ed. 2) Cl.7.5.4
194	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.2 c, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.2 c, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.2 c
195	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High voltage	IS/IEC 60079-19: 2006 Cl. 5.2.7.3, IS/IEC 60079-19: 2010 Cl. 5.2.7.3, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.3
196	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.2 c, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.2 c, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.2 c
197	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 8.2.6.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3
198	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 9.2.6.3, IS/IEC 60079-19: 2010 Cl. 9.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3
199	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.2 c, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.2 c, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.2 c

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200	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.2 c, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.2 c, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.2 c
201	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High Voltage	IS/IEC 60079-19: 2006 Cl.5.2.7.3.2 c, IS/IEC 60079-19: 2010 Cl.5.2.7.3.2 c, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.7.3.2 c
202	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High voltage withstand	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.1 c, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.1 c, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.1 c
203	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High voltage withstand	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.1 c, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.1 c, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.1 c
204	ELECTRICAL-MISCELLANEOUS	Electrical equipment	High voltage withstand	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.1 c, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.1 c, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.1 c
205	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Impact (for Ex thread adapters)	IS/IEC 60079-1: 2007 C 3.4.2 (RA 2012), IEC 60079-1 (Edition 7.0): 2014, IS/IEC 60079-1: 2014, C 3.4.2
206	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Impact (on Cable gland)	IS/IEC 60079-0: 2004 A 3.3, IS/IEC 60079-0: 2007 A 3.3, IS/IEC 60079-0: 2011 A 3.3, IEC 60079-0 (Edition 6.0): 2011 A 3.3, IEC 60079-0 (Edition 7.0): 2017 A 3.3
207	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Impulse Voltage Test	IS 14222: 1995 (RA 2017) Cl 5.1.2.2, IEC 60034-15(Edition 3.0):2009

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208	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-15: 2005 Cl.33.3.4, IS/IEC 60079-15: 2010 Cl.6.3, IEC 60079-15 (Edition 5.0): 2017 Cl.6.3, IS/IEC 60529: 2001, IEC 60529:2013, IS/IEC 60034-5: 2000, IEC 60034-5:2006, IEC 60034-5:2020
209	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress Protection	IS/IEC 60079-19: 2006 Cl. 11.2.2, IS/IEC 60079-19: 2010 Cl. 11.2.2, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.2 & 11.4.4
210	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 11.2.5, IS/IEC 60079-19: 2010 Cl. 11.2.5, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.5
211	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 11.3.2, IS/IEC 60079-19: 2010 Cl. 11.3.2, IEC 60079-19: 2019 (Ed. 4) Cl. 11.3.2
212	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress Protection	IS/IEC 60079-19: 2006 Cl. 7.2.2, IS/IEC 60079-19: 2010 Cl. 7.2.2, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.2
213	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress Protection	IS/IEC 60079-19: 2006 Cl. 8.2.2, IS/IEC 60079-19: 2010 Cl. 8.2.2, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.2
214	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 9.4.1, IS/IEC 60079-19: 2010 Cl. 9.4.1, IEC 60079-19: 2019 (Ed. 4) Cl. 9.4.1
215	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress Protection	IS/IEC 60079-19: 2006 Cl.9.2.2, IEC 60079-19 (Edition 4): 2019 Cl.9.2.2
216	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-31: 2008 Cl.6.1.1, IS/IEC 60079-31: 2013 Cl.6.1.1, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.1.4, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.1.4
217	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 8.2.5, IS/IEC 60079-19: 2010 Cl. 8.2.5, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.5

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218	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 9.2.1, IS/IEC 60079-19: 2010 Cl. 9.2.1, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.1
219	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ingress protection	IS/IEC 60079-19: 2006 Cl. 8.3.1 & 8.3.2, IS/IEC 60079-19: 2010 Cl. 8.3.1 & 8.3.2, IEC 60079-19: 2019 (Ed. 4) Cl. 8.3.1 & 8.3.2
220	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation	IS/IEC 60079-15: 2005 Cl.22, IS/IEC 60079-15: 2010 Cl.12, IEC 60079-15(Edition 4.0) : 2010 Cl.12, IEC 60079-15 (Edition 5.0): 2017 Cl.12
221	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation	IS/IEC 60079-19: 2006 Cl. 11.4.4, IS/IEC 60079-19: 2010 Cl. 11.4.4, IEC 60079-19: 2019 (Ed. 4) Cl. 11.4.4
222	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation	IS/IEC 60079-19: 2006 Cl. 7.2.4, IS/IEC 60079-19: 2010 Cl. 7.2.4, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.4
223	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IEC 60079-14 (Edition 4.0): 2007 Cl. 8, IEC 60079-14 (Edition 5.0): 2013 Cl. 8, IS 16724: 2018 Cl. 8
224	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation Resistance	IS/IEC 60079-15: 2005 Cl. 33.13, IS/IEC 60079-15: 2010 Cl. 22.12, IEC 60079-15(Edition 4.0) : 2010 Cl.22.12, IEC 60079-15 (Edition 5.0): 2017 Cl. 22.12
225	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.1 b, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.1 b, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.1 b
226	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 5.2.7.3, IS/IEC 60079-19: 2010 Cl. 5.2.7.3, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.3

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227	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.1 b, IS/IEC 60079-19: 2010 Cl. Cl. 7.2.6.3.1 b, IEC 60079-19: 2019 (Ed. 4) Cl. Cl. 7.2.6.3.1 b
228	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 8.2.6.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3
229	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 9.2.6.3, IS/IEC 60079-19: 2010 Cl. 9.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3
230	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex ”tD” installations	IS/IEC 60079-17 Table 4 (B.7)
231	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex”d”, Ex”e” ,Ex”n” & Ex t/tD installations	IS/IEC 60079-17: 2007 Table 1 (B.8), IS/IEC 60079-17: 2013 Table 1 (A.31), IEC 60079-17 (Edition 5.0) : 2013 Table 1 (A.31), IS/IEC 60079-1: 2007 (RA 2012) & 2014, IEC 60079-1 (Edition 6.0): 2007 IEC 60079-1 (Edition 7.0): 2014 IS/IEC 60079-7: 2006 IS/IEC 60079-7: 2015 IEC 60079-7(Ed.5.0): 2015 , IEC 60079-7(Ed.5.1): 2017, IS/IEC 60079-15: 2005 IS/IEC 60079-15: 2010 IEC 60079-15(Edition 4.0) : 2010 IEC 60079-15 (Edition 5.0): 2017
232	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex”i” installations	IS/IEC 60079-17: 2007 Table 2 (B.8), IS/IEC 60079-17: 2013 Table 2 (B.9), IEC 60079-17 (Edition 5.0): 2013 Table 2 (B.9), IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
233	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.1 b, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.1 b, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.1 b

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234	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.1 b, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.1 b, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.1 b
235	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IS/IEC 60079-19: 2006 Cl.5.2.7.3.1 b, IS/IEC 60079-19: 2010 Cl.5.2.7.3.1 b, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.7.3.1 b
236	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation Test	IS/IEC 60079-19: 2006 Cl. 5.2.4, IS/IEC 60079-19: 2010 Cl. 5.2.4, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.4
237	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation test	IS/IEC 60079-19: 2006 Cl. 9.2.5, IS/IEC 60079-19: 2010 Cl. 9.2.5, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.5
238	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation thermal	IS/IEC 60079-19: 2006 Cl. 8.2.4, IS/IEC 60079-19: 2010 Cl. 8.2.4, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.4
239	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation thermal	IS/IEC 60079-19: 2006 Cl. 9.2.4, IS/IEC 60079-19: 2010 Cl. 9.2.4, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.4
240	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation thermal	IS/IEC 60079-19: 2006 Cl.5.2.4, IS/IEC 60079-19: 2010 Cl.5.2.4, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.5
241	ELECTRICAL-MISCELLANEOUS	Electrical equipment	IP for degree of protection for non-rotating machines	IS/IEC 60079-0:2004 Cl. 26.4.5 and, IS/IEC 60079-0:2007 Cl. 26.4.5, IS/IEC 60079-0:2011 Cl. 26.4.5, IEC 60079-0:2011 Ed. 6.0 Cl. 26.4.5, IEC 60079-0:2017 Ed. 7.0: 2011, IS/IEC 60529:2001 (RA 2014)

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242	ELECTRICAL-MISCELLANEOUS	Electrical equipment	IP for degree of protection for rotating machines	IS/IEC 60079-0:2004 Cl. 26.4.5 and, IS/IEC 60079-0:2007 Cl. 26.4.5, IS/IEC 60079-0:2011 Cl. 26.4.5, IEC 60079-0:2011 Ed. 6.0 Cl. 26.4.5, IEC 60079-0:2017 Ed. 7.0: 2011, IS/IEC 60034-5:2000 (RA 2013), IEC 60034-5:2006, IEC 60034-5:2020
243	ELECTRICAL-MISCELLANEOUS	Electrical equipment	IP Test on Glands	IS/IEC 60079-0: 2004 A 3.5, IS/IEC 60079-0: 2007 A 3.4, IS/IEC 60079-0: 2011 A 3.4, IEC 60079-0 (Edition 6.0): 2011 A 3.4, IEC 60079-0 (Edition 7.0): 2017 A 3.4
244	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Leakage	IS/IEC 60079-15: 2005 Cl.33.5, IS/IEC 60079-15: 2010 Cl.22.5, IEC 60079-15(Edition 4.0) : 2010 Cl.22.5, IEC 60079-15 (Edition 5.0): 2017 Cl.22.5
245	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.2 b, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.2 b
246	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.2 b
247	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.2 b
248	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.2 b
249	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl.5.2.7.3.2 b, IS/IEC 60079-19: 2010 Cl.5.2.7.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.7.3.2 b

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250	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum Temperature	IS/IEC 60079-18: 2009 Cl.8.2.2, IS/IEC 60079-18: 2014 Cl.8.2.2, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.2
251	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Measurement of current / voltage and phase balance	IS/IEC 60079-19: 2006 Cl. 5.2.7.3, IS/IEC 60079-19: 2010 Cl. 5.2.7.3, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.3
252	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Measurement of current / voltage and phase balance	IS/IEC 60079-19: 2006 Cl. 8.2.6.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3
253	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Measurement of current/voltage and phase balance	IS/IEC 60079-19: 2006 Cl. 9.2.6.3, IS/IEC 60079-19: 2010 Cl. 9.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3
254	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Measurement of flame paths, minimum thickness of enclosures Clearance and creepage measurement for termination	IS/IEC 60079-19: 2006 Cl.5.2 & Cl. 5.2.3, IS/IEC 60079-19: 2010 Cl.5.2 & Cl. 5.2.3, IEC 60079-19: 2019 (Ed. 4) Cl.5.2 & Cl. 5.2.3
255	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Mechanical strength	IS/IEC 60079-15: 2005 Cl.33.3.3, IS/IEC 60079-15: 2010 Cl.22.3.1.2, IEC 60079-15(Edition 4.0) : 2010 Cl.22.3.1.2, IEC 60079-15 (Edition 5.0): 2017 Cl. 22.3.1.2
256	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Mechanical strength (for cable glands - Torque test)	IS/IEC 60079-1: 2007 C 3.2 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 C 3.2, IS/IEC 60079-1: 2014, C 3.2
257	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Mechanical strength and leakage rate for enclosures	IS/IEC 60079-19: 2006 Cl. 7.2.1, IS/IEC 60079-19: 2010 Cl. 7.2.1, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.1
258	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Non Transmission (for crimped ribbon elements & multiple screen devices of Breathing & draining devices Annex A – A.4)	IS/IEC 60079-1: 2007 A.4 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 A.4, IS/IEC 60079-1: 2014, Cl. A 4
259	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Non-transmission	IS/IEC 60079-15: 2005 Cl.33.4, IS/IEC 60079-15: 2010 Cl.22.4, IEC 60079-15 (Edition 5.0): 2017 Cl.22.4

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260	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over Pressure (1.5 X Ref Pressure Over Pressure Test - 4 X Ref Pressure Over Pressure Test - 3 X Ref Pressure)	IS/IEC 60079-1: 2007 Cl. 15.1.3.1 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 15.2.3.2, IS/IEC 60079-1: 2014, Cl. 15.2.3.2
261	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for Ex stopping plugs/blanking elements)	IS/IEC 60079-1: 2007 C 3.3.2 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 C 3.3.2, IS/IEC 60079-1: 2014, Cl. 3.3.2
262	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for Ex thread adapters)	IS/IEC 60079-1: 2007 C 3.4.3 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 C 3.4.3, IS/IEC 60079-1: 2014, C 3.4.3
263	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure test for Ex-component enclosures	IS/IEC 60079-1: 2007 D 3.7 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 D 3.7, IS/IEC 60079-1: 2014, D.3.7
264	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over-pressure	IS/IEC 60079-19: 2006 Cl. 5.3.1, IS/IEC 60079-19: 2010 Cl. 5.3.1, IEC 60079-19: 2019 (Ed. 4) Cl. 5.3.1
265	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Power-Frequency Voltage	IS 14222: 1995 (RA 2017) Cl 5.1.2.1, IEC 60034-15(Edition 3.0):2009
266	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure	IS/IEC 60079-15: 2005 Cl.33.7, IS/IEC 60079-15: 2010 Cl.22.6, IEC 60079-15(Edition 4.0) : 2010 Cl.22.6, IEC 60079-15 (Edition 5.0): 2017 Cl.22.6
267	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure	IS/IEC 60079-18: 2009 Cl.8.2.6, IS/IEC 60079-18: 2014 Cl.8.2.6, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.6
268	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure determination	IS/IEC 60079-1: 2007 Cl. 15.1.2 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 15.2.2, IS/IEC 60079-1: 2014 Cl. 15.2.2
269	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure determination	IS/IEC 60079-31: 2008 Cl.6.1.3, IS/IEC 60079-31: 2013 Cl.6.1.3, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.1.3, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.1.3

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270	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure determination with obstruction plate	IS/IEC 60079-1: 2007 D 3.6 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 D 3.6, IS/IEC 60079-1: 2014 D.3.7, IS/IEC 60079-1: 2014 D 3.7
271	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Protection from dangerous (Incendive) sparking	IEC 60079-14 (Edition 4.0): 2007 Cl. 6, IEC 60079-14 (Edition 5.0): 2013 Cl. 6, IS 16724: 2018 Cl. 6
272	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Purging	IEC 60079-13 (Ed. 2) Cl.7.5.3
273	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Qualification (Verification) of Ratings of Ventilating Fans (Measurement of Voltage, current, power, Speed(RPM) and pressure)	IS/IEC 60079-0 : 2004 Cl. 26.15, IS/IEC 60079-0 : 2007 Cl. 26.15, IS/IEC 60079-0 : 2011 Cl. 26.15, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.15, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.15
274	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance of each winding	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.1 a, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.1 a, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.5.2.1 a
275	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance of each winding	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.1 a, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.1 a, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.1 a
276	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance of each winding	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.1 a, IS/IEC 60079-19: 2010 Cl. 8.2.6.3. 1 a, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3. 1 a
277	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance of each winding	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.1 a, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.1 a, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.1 a
278	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance of each winding	IS/IEC 60079-19: 2006 Cl.5.2.7.3.1 a, IS/IEC 60079-19: 2010 Cl.5.2.7.3.1 a, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.7.3.1 a

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279	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance to Chemicals agents for Group I electrical apparatus	IS/IEC 60079-0: 2004 Cl. 26.11, IS/IEC 60079-0: 2007 Cl. 26.11, IS/IEC 60079-0: 2011 Cl. 26.11, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.11, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.11
280	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance to impact	IS/IEC 60079-0:2004 Cl. 26.4.2 and A 3.4, IS/IEC 60079-0:2007 Cl. 26.4.2 and A 3.3, IS/IEC 60079-0:2011 Cl. 26.4.2, IEC 60079-0:2011 Ed. 6.0 Cl. 26.4.2, IEC 60079-0:2017 Ed. 7.0
281	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Resistance to Impact	IS/IEC 60079-31: 2008 Cl.6.1.1, IS/IEC 60079-31: 2013 Cl.6.1.1, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.1.2, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.1.2
282	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Sealing	IS/IEC 60079-18: 2009 Cl.8.2.8, IS/IEC 60079-18: 2014 Cl.8.2.8, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.8
283	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Sealing (Cable Glands)	IS/IEC 60079-1: 2007 Cl.3.1(RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl.3.1, IS/IEC 60079-1: 2014, C 3.1
284	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Small Component Ignition Test (Group I and Group II)	IS/IEC 60079-0: 2004 Cl. 26.5.3, IS/IEC 60079-0: 2007 Cl. 26.5.3, IS/IEC 60079-0:2011 CL. 26.5.3, IEC 60079-0 (Edition 6.0): 2011 Cls. 26.5.3, IEC 60079-0 (Edition 7.0): 2017 Cls. 26.5.3
285	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Surface resistance test of non-metallic materials (Resistance measurement after conditioning)	IS/IEC 60079-0: 2004 Cl. 26.13, IS/IEC 60079-0: 2007 Cl. 26.13, IS/IEC 60079-0: 2011 Cl. 26.13, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.13, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.13
286	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IEC /EN 60079-33 Cl. 11.2

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287	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-0:2004 Cl. 26.5.1, IS/IEC 60079-0:2007 Cl. 26.5.1, IS/IEC 60079-0:2011 Cl. 26.5.1, IEC 60079-0:2011 Ed. 6.0 Cl. 26.5.1, IEC 60079-0:2017 Ed. 7.0 Cl. 26.5.1
288	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 11.2.6, IS/IEC 60079-19: 2010 Cl. 11.2.6, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6
289	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 5.2.7.4, IS/IEC 60079-19: 2010 Cl. 5.2.7.4, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.4
290	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.3
291	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 9.2.6.4, IS/IEC 60079-19: 2010 Cl. 9.2.6.4, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.4
292	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperatures	IS/IEC 60079-15: 2005 Cl.5.0, IS/IEC 60079-15: 2010 Cl.5.0, IEC 60079-15(Edition 4.0) : 2010 Cl.5.0, IEC 60079-15 (Edition 5.0): 2017 Cl.5.0
293	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Test for flameproof enclosures with breathing & draining devices	IS/IEC 60079-1: 2007 Cl. 15.4 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 15.4, IS/IEC 60079-1: 2014, Cl. 15.4
294	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Test of Clamping of cable (Non Armoured, Braided and Armoured)	IS/IEC 60079-0: 2004 A 3.1 &3.2, IS/IEC 60079-0: 2007 A 3.1 &3.2, IS/IEC 60079-0: 2011 A 3.1 &3.2, IEC 60079-0 (Edition 6.0): 2011 A 3.1 &3.2, IEC 60079-0 (Edition 7.0): 2017 A 3.1 &3.2
295	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Tests for Flameproofness including ability to withstand pressure Flame Erosion and Non Transmission	IS/IEC 60079-1: 2007 Cl. 19.3.1 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 19.3,19.4, IS/IEC 60079-1: 2014, Cl. 19.3 & 19.4

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296	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal (Temperature rise)	IS/IEC 60079-31: 2008 Cl.6.1.2, IS/IEC 60079-31: 2013 Cl.6.1.2, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.2, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.2
297	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Endurance to Cold	IS/IEC 60079-15 Cl.33.3.2.2
298	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal endurance to cold	IS/IEC 60079-18: 2009 Cl.8.2.3.2, IS/IEC 60079-18: 2014 Cl.8.2.3.2, IEC 60079-18(Edition 3.0) : 2009 , IEC 60079-18 (Edition4.0): 2014 Cl.8.2.3.2, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.3.2
299	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal endurance to cold	IS/IEC 60079-31: 2008 Cl.6.1.1, IS/IEC 60079-31: 2013 Cl.6.1.1, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.1, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.1
300	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Endurance to cold (Nonmetallic)	IS/IEC 60079-0: 2004 Cl. 26.9, IS/IEC 60079-0: 2007 Cl. 26.9, IS/IEC 60079-0: 2011 Cl. 26.9, IEC 60079-0 (Edition 6.0): 2011 Cl. 26.9, IEC 60079-0 (Edition 7.0): 2017 Cl. 26.9
301	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Endurance to Heat	IS/IEC 60079-15: 2005 Cl.33.3.2.1, IS/IEC 60079-15: 2010 Cl.22.3.1.1, IEC 60079-15 (Edition 5.0): 2017 Cl.22.3.1.1
302	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal endurance to heat	IS/IEC 60079-18: 2009 Cl.8.2.3.1, IS/IEC 60079-18: 2014 Cl.8.2.3.1, IEC 60079-18(Edition 3.0) : 2009 , IEC 60079-18 (Edition4.0): 2014 Cl.8.2.3.1 + IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.3.1
303	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal endurance to heat	IS/IEC 60079-31: 2008 Cl.6.1.1, IS/IEC 60079-31: 2013 Cl.6.1.1, IEC 60079-31 (Edition 1.0) : 2008 Cl.6.1.1, IEC 60079-31 (Edition 2.0): 2013 Cl.6.1.1

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304	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Endurance to heat (Non-Metallic)	IS/IEC 60079-0: 2004 Cls. 26.8, IS/IEC 60079-0: 2007 Cls. 26.8, IS/IEC 60079-0: 2011 Cls. 26.8, IEC 60079-0 (Edition 6.0): 2011 Cls. 26.8, IEC 60079-0 (Edition 7.0): 2017 Cls. 26.8
305	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Endurance to heat (Non-Metallic)	IS/IEC 60079-0: 2004 Cls. 26.8, IS/IEC 60079-0: 2007 Cls. 26.8, IS/IEC 60079-0: 2011 Cls. 26.8, IEC 60079-0 (Edition 6.0): 2011 Cls. 26.8, IEC 60079-0 (Edition 7.0): 2017 Cls. 26.8
306	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Thermal Shock Test for Glass parts	IS/IEC 60079-0: 2004 Cls. 26.5.2, IS/IEC 60079-0: 2007 Cls. 26.5.2, IS/IEC 60079-0:2011 Cl. 26.5.2 & IS 13346: 2004 Cl. 26.4.6.2, IEC 60079-0(Edition 6.0): 2011 Cls. 26.5.2 & IEC 60079-0(Edition 7.0): 2017 Cls. 26.5.2
307	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque	IEC 60079-14 (Edition 4.0): 2007 Cl. 9, IEC 60079-14 (Edition 5.0): 2013 Cl. 9, IS 16724: 2018, Cl. 9
308	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque	IS/IEC 60079-15: 2005 Cl.33.8 & Cl.33.9, IS/IEC 60079-15: 2010 Cl.22.7& Cl.22.8, IEC 60079-15(Edition 4.0) : 2010 Cl.22.7 & Cl.22.8, IEC 60079-15 (Edition 5.0): 2017 Cl.22.7 & Cl.22.8,
309	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque (for Ex stopping plugs/blanking elements)	IS/IEC 60079-1: 2007 C 3.3.1 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 C 3.3.1, IS/IEC 60079-1: 2014, C 3.3.1
310	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque (for Ex thread adapters)	IS/IEC 60079-1: 2007 C 3.4.1 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 C 3.4.1, IS/IEC 60079-1: 2014, C 3.4.1
311	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque Test for Bushings	IS/IEC 60079-0: 2004 Cl. 26.6, IS/IEC 60079-0: 2007 Cl. 26.6, IS/IEC 60079-0:2011 Cl. 26.6, IEC 60079-0(Edition 6.0): 2011 Cls. 26.6, IEC 60079-0(Edition 7.0): 2017 Cls. 26.6

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312	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Untoward noise / vibration	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.2 a, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.2 a, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.2 a
313	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Untoward noise / vibration	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.2 a, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.2 a, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.2 a
314	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Untoward noise / vibration	IS/IEC 60079-19: 2006 Cl. 5.2.7.3.2 a, IS/IEC 60079-19: 2010 Cl. 5.2.7.3.2 a, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.3.2 a
315	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Untoward noise / vibration	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.2 a, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.2 a, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.2 a
316	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IEC 60079-19 (Edition 4) Cl.7.2.3
317	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-15: 2005 Cl.21, IS/IEC 60079-15: 2010 Cl.11, IEC 60079-15(Edition 4.0) : 2010 Cl.11, IEC 60079-15 (Edition 5.0): 2017 Cl.11
318	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-18: 2009 Cl.8.2.7, IS/IEC 60079-18: 2014 Cl.8.2.7, IEC 60079-18(Edition 3.0) : 2009, IEC 60079-18 (Edition 4.0): 2014 Cl.8.2.7, IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.2.7
319	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of dimension measurement	IS/IEC 60079-19: 2006 Cl. 11.2.3, IS/IEC 60079-19: 2010 Cl. 11.2.3, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.3
320	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of dimension measurement	IS/IEC 60079-19: 2006 Cl. 9.2.3, IS/IEC 60079-19: 2010 Cl. 9.2.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.3

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321	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of dimension measurement	IS/IEC 60079-19: 2006 Cl.5.2.5, IS/IEC 60079-19: 2010 Cl.5.2.5, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.6
322	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of EPL level	IEC /EN 60079-33 Cl. 7
323	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of flow	IEC 60079-13 (Ed. 2) Cl. 7.5.5
324	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of flow	IEC 60079-13 (Ed. 2) Cl.7.5.6
325	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of EPL, cables, earthing, IS circuits, simple apparatus, terminal boxes for intrinsically safe equipment.	IEC 60079-14: 2013 (Ed. 5) Cl. 16, IS 16724: 2018 Cl.16, IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
326	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of external connections for oil immersed equipment.	IEC 60079-14 (Edition 5.0): 2013 Cl.19, IS 16742: 2018 Cl. 19, IS/IEC 60079-6: 2007 & 2015, IEC 60079-6 (Ed. 3): 2007, (Ed. 4): 2015 & AMD 1: 2020
327	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of maximum dissipated power of terminal box enclosures and conductor terminations.	IEC 60079-14 (Edition 5.0): 2013 Cl.15, IS/IEC 60079-0: 2004, IS/IEC 60079-0: 2007, IS/IEC 60079-0: 2011, IEC 60079-0 (Edition 6.0): 2011, IEC 60079-0 (Edition 7.0): 2017, IS/IEC 60079-7: 2006, IS/IEC 60079-7: 2015, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, IS 16724: 2018
328	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of solid obstacles, protection of flameproof joints and conduit systems for flameproof equipment.	IEC 60079-14 (Edition 4.0): 2007 Cl. 14, IEC 60079-14 (Edition 5.0): 2013 Cl. 14, IS/IEC 60079-0: 2004, IS/IEC 60079-0: 2007, IS/IEC 60079-0: 2011, IEC 60079-0 (Edition 6.0): 2011, IEC 60079-0 (Edition 7.0): 2017, IS/IEC 60079-1: 2007 (RA 2012), IS/IEC 60079-1: 2014, IEC 60079-1 (Edition 6.0): 2007, IEC 60079-1 (Edition 7.0): 2014

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329	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of type of protection Ex nR and conductor terminations for non sparking equipment.	IEC 60079-14 (Edition 5.0): 2013 Cl. 18, IS 16724: 2018, Cl. 18, IS/IEC 60079-15: 2005 & 2010, IEC 60079-15(Ed. 4): 2010 & (Ed. 5): 2017
330	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of type of protection, Ex p, Ex pD, pressurized rooms and analyzer houses for pressurized equipment.	IEC 60079-14 (Edition 4.0): 2007 Cl.17, IEC 60079-14 (Edition 5.0): 2013 Cl.17, IS/IEC 60079-2: 2007, IS/IEC 60079-2: 2014, IEC 60079-2 : 2007, IEC 60079-2 (Edition 6.0): 2014, IS 16724: 2018 Cl.17
331	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of test specification	IEC /EN 60079-33 Cl. 8.2
332	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Water Absorption	IS/IEC 60079-18: 2009 Cl.8.1.1, IS/IEC 60079-18: 2014 Cl.8.1.1, IEC 60079-18(Edition 3.0) : 2009, IEC 60079-18 (Edition 4.0): 2014 Cl.8.1.1+ IEC 60079-18(Edition 4.1) AMD 1:2017 Cl.8.1.1
333	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Winding resistance	IS/IEC 60079-19: 2006 Cl. 5.2.7.3, IS/IEC 60079-19: 2010 Cl. 5.2.7.3, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.3
334	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Winding resistance	IS/IEC 60079-19: 2006 Cl. 8.2.6.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3
335	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Winding resistance	IS/IEC 60079-19: 2006 Cl. 9.2.6.3, IS/IEC 60079-19: 2010 Cl. 9.2.6.3, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3
336	ELECTRICAL-MISCELLANEOUS	Electrical equipment for coal mines	Fault loop impedance or earthing resistance	AS/NZS 2290.1 Cl. 2.14.7
337	ELECTRICAL-MISCELLANEOUS	Electrical equipment for coal mines	Insulation resistance	AS/NZS 2290.1 Cl.2.14.8
338	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Insulation resistance	IEC 60688(Edition 3.0) Cl.6.18
339	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Temperature Rise	IEC 60688(Edition 3.0) Cl.6.20
340	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of intrinsic error	IEC 60688(Edition 3.0) Cl.4.4

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341	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of limiting conditions	IEC 60688(Edition 3.0) Cl.5.11
342	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of ripple	IEC 60688(Edition 3.0) Cl.5.5
343	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to ambient temperature	IEC 60688(Edition 3.0) Cl.6.4
344	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to auxiliary supply frequency	IEC 60688(Edition 3.0) Cl.6.3
345	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to auxiliary supply voltage	IEC 60688(Edition 3.0) Cl.6.2
346	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to common mode interference	IEC 60688(Edition 3.0) Cl.6.16
347	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to continuous operation	IEC 60688(Edition 3.0) Cl.6.15
348	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to frequency of the input signal	IEC 60688(Edition 3.0) Cl.6.5
349	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to input current	IEC 60688(Edition 3.0) Cl.6.7
350	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to input voltage	IEC 60688(Edition 3.0) Cl.6.6
351	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to interaction between measuring elements	IEC 60688(Edition 3.0) Cl.6.13
352	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to over range	IEC 60688(Edition 3.0) Cl.5.7
353	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to power factor	IEC 60688(Edition 3.0) Cl.6.8
354	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to self heating	IEC 60688(Edition 3.0) Cl.6.14
355	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to series mode interference	IEC 60688(Edition 3.0) Cl.6.17
356	ELECTRICAL-MISCELLANEOUS	Electrical measuring transducer	Verification of variation due to unbalance current	IEC 60688(Edition 3.0) Cl.6.12
357	ELECTRICAL-MISCELLANEOUS	Equipment and components in explosive atmospheres in underground mines	Degree of protection	ISO/IEC 80079-38 Cl.4.2.4
358	ELECTRICAL-MISCELLANEOUS	Equipment and components in explosive atmospheres in underground mines	Temperature measurement	ISO/IEC 80079-38 Cl.4.2.3 (Cl. 8.2 of ISO 80079-36:2016)

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359	ELECTRICAL-MISCELLANEOUS	Equipment and components in explosive atmospheres in underground mines	Incendive impact tests in explosive mixture	ISO/IEC 80079-38 Annex E
360	ELECTRICAL-MISCELLANEOUS	Equipment assemblies	1. IP for degree of protection for non-rotating machines. 2. Dielectric strength	IEC 60079-46 (Ed. 1.0) Cl.6.6
361	ELECTRICAL-MISCELLANEOUS	Equipment assemblies	1. Thermal test 2. Resistance to impact	IEC 60079-46 (Ed. 1.0) Cl.6.4
362	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Determination of the maximum surface Temperature	ISO 80079-36 Cl. No. 8.2
363	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Drop	ISO 80079-36 Cl. No. 8.3.2
364	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Functional test	ISO 80079-37 Cl. 8.2.2
365	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Ingress Protection	ISO 80079-37 Cl. 5.2
366	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Over-pressure	ISO 80079-37 Cl. 8.3.2
367	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Overpressure test on enclosed equipment having a vented enclosure	ISO 80079-37 Cl. 8.3.3
368	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Resistance to chemical substance.	ISO 80079-36 Cl. No. 8.4.6
369	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Resistance to Impact	ISO 80079-36 Cl. No. 8.3.1
370	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Surface resistivity test of non-conductive parts of equipment relevant for explosion prevention & protection (After conditioning)	ISO 80079-36 Cl No. 8.4.8
371	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Thermal endurance to cold	ISO 80079-36 Cl. No. 8.4.5
372	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Thermal endurance to heat	ISO 80079-36 Cl.No. 8.4.4
373	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Thermal shock	ISO 80079-36 Cl. No. 8.4.9
374	ELECTRICAL-MISCELLANEOUS	Equipment for explosive atmosphere	Verification of control parameters - Speed, temperature, pressure, etc.	ISO 80079-37 Cl. 8.2.1

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375	ELECTRICAL-MISCELLANEOUS	Flame arresters	Endurance burning	ISO 16852:2008 Cl. 9.3, ISO 16852:2016 Cl. 9.2.4, IS 16485:2016 Cl. 9.3
376	ELECTRICAL-MISCELLANEOUS	Flame arresters	Flame Transmission	ISO 16852:2008 Cl. 10.2, ISO 16852:2016 Cl. 10.2, IS 16485:2016 Cl. 10.2
377	ELECTRICAL-MISCELLANEOUS	Flame arresters	Flame Transmission	ISO 16852:2008 Cl. 6.8 & 7.3, ISO 16852:2016 Cl. 6.8 & 7.3, IS 16485:2016 Cl. 6.8 &7.3
378	ELECTRICAL-MISCELLANEOUS	Flame arresters	Flame Transmission	ISO 16852:2008 Cl. 8.3, ISO 16852:2016 Cl. 8.3, IS 16485:2016 Cl. 8.3
379	ELECTRICAL-MISCELLANEOUS	Flame arresters	Flame Transmission	ISO 16852:2008 Cl. 9.2 ,ISO 16852:2016 Cl. 9.2, IS 16485:2016 Cl. 9.2
380	ELECTRICAL-MISCELLANEOUS	Flame arresters	Flow Measurement	ISO 16852:2008 Cl. 6.7, ISO 16852:2016 Cl. 6.7, IS 16485:2016 Cl. 6.7
381	ELECTRICAL-MISCELLANEOUS	Flame arresters	Leak	ISO 16852:2008 Cl. 6.6, ISO 16852:2016 Cl. 6.6, IS 16485:2016 Cl. 6.6
382	ELECTRICAL-MISCELLANEOUS	Flame arresters	Pressure	ISO 16852:2008 Cl. 6.5, ISO 16852:2016 Cl. 6.5, IS 16485:2016 Cl. 6.5
383	ELECTRICAL-MISCELLANEOUS	Pressure gauges	1. Steady and over pressure 2. Cyclic pressure	EN 837-1 Cl. 10.4
384	ELECTRICAL-MISCELLANEOUS	Pressure gauges	1. Steady and over pressure 2. Cyclic pressure	EN 837-3 Cl. 10.4
385	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Accuracy and hysteresis test	EN 837-1 Cl. 10.2
386	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Accuracy and hysteresis test	EN 837-3 Cl. 10.2
387	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Blow-out	EN 837-1 Cl. 10.12.1.2
388	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Blow-out	EN 837-3 Cl. 10.12.2
389	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Degree of protection	EN 837-1 Cl. 10.7
390	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Degree of protection	EN 837-3 Cl. 10.7

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391	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Effects of mechanical shock	EN 837-1 Cl. 10.8
392	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Effects of mechanical shock	EN 837-3 Cl. 10.8
393	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Mounting position test	EN 837-1 Cl. 10.11
394	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Mounting position test	EN 837-3 Cl. 10.11
395	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Storage temperature	EN 837-1 Cl. 10.6
396	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Storage temperature	EN 837-3 Cl. 10.6
397	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Temperature effects	EN 837-1 Cl. 10.3
398	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Temperature effects	EN 837-3 Cl. 10.3
399	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Temperature in service	EN 837-1 Cl. 10.5
400	ELECTRICAL-MISCELLANEOUS	Pressure gauges	Temperature in service	EN 837-3 Cl. 10.5
401	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Bump	IS 616:2010 Cl. 12.1.1, IS 616:2017 Cl. 12.1.2, IEC 60065:2005 (Ed. 7) Cl. 12.1.1, IEC 60065:2014 (Ed. 8) Cl. 12.1.2
402	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 13, IS 616:2017 Cl. 13, IEC 60065:2005(Ed. 7) Cl. 13, IEC 60065:2014(Ed. 8) Cl. 13
403	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 13.3, IS 616:2017 Cl. 13.3, IEC 60065:2005 (Ed. 7) Cl. 13.3, IEC 60065:2014 (Ed. 8) Cl. 13.3
404	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 13.4, IS 616:2017 Cl. 13.4, IEC 60065:2005 (Ed. 7) Cl. 13.4, IEC 60065:2014 (Ed. 8) Cl. 13.4
405	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 14.3, IS 616:2017 Cl. 14.4, IEC 60065:2005 (Ed. 7) Cl. 14.3, IEC 60065:2014 (Ed. 8) Cl. 14.4

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406	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 14.5, IS 616:2017 Cl. 14.6, IEC 60065:2005 (Ed. 7) Cl. 14.5, IEC 60065:2014 (Ed. 8) Cl. 14.6
407	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 15.3, IS 616:2017 Cl. 15.3, IEC 60065:2005 (Ed. 7) Cl. 15.3, IEC 60065:2014 (Ed. 8) Cl. 15.3
408	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 16.2, IS 616:2017 Cl. 16.2, IEC 60065:2005(Ed. 7) Cl. 16.2, IEC 60065:2014(Ed. 8) Cl. 16.2
409	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dimension Measurement	IS 616:2010 Cl. 8, IS 616:2017 Cl. 8, IEC 60065:2005(Ed. 7) Cl. 8, IEC 60065:2014 (Ed. 8) Cl. 8
410	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Drop	IS 616:2010 Cl. 12.1.4, IS 616:2017 Cl. 12.1.5, IEC 60065:2005(Ed. 7) Cl. 12.1.4, IEC 60065:2014(Ed. 8) Cl. 12.1.5
411	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dry Heat	IS 616:2010 Cl. 11.2, IS 616:2017 Cl. 11.2, IEC 60065:2005(Ed. 7) Cl. 11.2, IEC 60065:2014(Ed. 8) Cl. 11.2
412	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dry heat	IS 616:2010 Cl. 7.1, IS 616:2017 Cl. 7.1, IEC 60065:2005 (Ed. 7) Cl. 7.1, IEC 60065:2014 (Ed. 8) Cl. 7.1
413	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dry Heat and Humidity Treatment	IS 616:2010 Cl. 13.6, IS 616:2017 Cl. 13.6, IEC 60065:2005 (Ed. 7) Cl. 13.6, IEC 60065:2014 (Ed. 8) Cl. 13.6
414	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Dry Heat and Humidity Treatment	IS 616:2010 Cl. 13.7, IS 616:2017 Cl. 13.7, IEC 60065:2005(Ed. 7) Cl. 13.7, IEC 60065:2014(Ed. 8) Cl. 13.7
415	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Earth Bond	IS 616:2010 Cl. 15.2, IS 616:2017 Cl. 15.2, IEC 60065:2005 (Ed. 7) Cl. 15.2, IEC 60065:2014 (Ed. 8) Cl. 15.2
416	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Flammability	IS 616:2010 Cl. 14.4, IS 616:2017 Cl. 14.5, IEC 60065:2005 (Ed. 7) Cl. 14.4, IEC 60065:2014(Ed. 8) Cl. 14.5

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417	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Force	IS 616:2010 Cl. 9.1.7, IS 616:2017 Cl. 9.1.7, IEC 60065:2005 Cl. 9.1.7, IEC 60065:2014 Cl. 9.1.7
418	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Glow wire	IS 616:2010 Cl. 20, IS 616:2017 Cl. 20, IEC 60065:2005 Cl. 20, IEC 60065:2014 Cl. 20
419	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Humidity Treatment	IS 616:2010 Cl. 10.2, IS 616:2017 Cl. 10.2, IEC 60065:2005 (Ed. 7) Cl. 10.2, IEC 60065:2014 (Ed. 8) Cl. 10.2
420	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Impact	IS 616:2010 Cl. 12.1.3, IS 616:2017 Cl. 12.1.4, IEC 60065:2005(Ed. 7) Cl. 12.1.3, IEC 60065:2014(Ed. 8) Cl. 12.1.4
421	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Impluse	IS 616:2010 Cl. 13.3.4, IS 616:2017 Cl. 13.3.4, IEC 60065:2005 Cl. 13.3.4, IEC 60065:2014 Cl. 13.3.4
422	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Insulation Resistance	IS 616:2010 Cl. 10.3, IS 616:2017 Cl. 10.4.2, IEC 60065:2005(Ed. 7) Cl. 10.3, IEC 60065:2014(Ed. 8) Cl. 10.4.2
423	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Insulation resistance	IS 616:2010 Cl. 8, IS 616:2017 Cl. 8, IEC 60065:2005 (Ed. 7) Cl. 8, IEC 60065:2014 (Ed. 8) Cl. 8
424	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Pull	IS 616:2010 Cl. 12.4, IS 616:2017 Cl. 12.4, IEC 60065:2005(Ed. 7) Cl. 12.4, IEC 60065:2014 (Ed. 8) Cl. 12.4
425	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Stress relief	IS 616:2010 Cl. 12.1.5, IS 616:2017 Cl. 12.1.6, IEC 60065:2005 (Ed. 7) Cl. 12.1.5, IEC 60065:2014 (Ed. 8) Cl. 12.1.6
426	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Surge	IS 616:2010 Cl. 10.1, 10.2, IS 616:2017 Cl.10.1, 10.2, IEC 60065:2005 (Ed. 7) Cl. 10.1, 10.2, IEC 60065:2014 (Ed. 8) Cl. 10.1, 10.2

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427	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Temperature Rise	IS 616:2010 Cl. 16.4, IS 616:2017 Cl. 16.4, IEC 60065:2005 (Ed. 7) Cl. 16.4, IEC 60065:2014 (Ed. 8) Cl. 16.4
428	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Torque	IS 616:2010 Cl. 12.2, IS 616:2017 Cl. 12.2, IEC 60065:2005 (Ed. 7) Cl. 12.2, IEC 60065:2014 (Ed. 8) Cl. 12.2
429	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Torque	IS 616:2010 Cl. 16.3, IS 616:2017 Cl. 16.3, IEC 60065:2005(Ed. 7) Cl. 16.3, IEC 60065:2014(Ed. 8) Cl. 16.3
430	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Torque	IS 616:2010 Cl. 16.5, IS 616:2017 Cl. 16.5, IEC 60065:2005 (Ed. 7) Cl. 16.5, IEC 60065:2014 (Ed. 8) Cl. 16.5
431	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Torque	IS 616:2010 Cl. 17, IS 616:2017 Cl. 17, IEC 60065:2005 (Ed. 7) Cl. 17, IEC 60065:2014 (Ed. 8) Cl. 17
432	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Touch current	IS 616:2010 Cl. 8, IS 616:2017 Cl. 8, IEC 60065:2005 (Ed. 7) Cl. 8, IEC 60065:2014 (Ed. 8) Cl. 8
433	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of disconnection from supply source	IS 616:2010 Cl. 9.1.1, IS 616:2017 Cl. 9.1.6, IEC 60065:2005(Ed. 7) Cl. 9.1.1, IEC 60065:2014(Ed. 8) Cl. 9.1.6
434	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of antennae coaxial socket	IS 616:2010 Cl. 12.5, IS 616:2017 Cl. 12.5, IEC 60065:2005 (Ed. 7), Cl. 12.5, IEC 60065:2014 (Ed. 8) Cl. 12.5
435	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of batteries	IS 616:2010 Cl. 14.10, IS 616:2017 Cl. 14.11, IEC 60065:2005(Ed. 7) Cl. 14.10, IEC 60065:2014(Ed. 8) Cl. 14.11
436	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of capacitors and RC units	IS 616:2010 Cl. 14.2, IS 616:2017 Cl. 14.3, IEC 60065:2005 (Ed. 7) Cl. 14.2, IEC 60065:2014 (Ed. 8) Cl. 14.3

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437	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of external flexible cords	IS 616:2010 Cl. 16.1, IS 616:2017 Cl. 16.1, IEC 60065:2005 (Ed. 7) Cl. 16.1, IEC 60065:2014(Ed. 8) Cl. 16.1
438	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of hazards live parts	IS 616:2010 Cl. 9.1.1.2, IS 616:2017 Cl. 9.1.1.2 & 9.1.1.3, IEC 60065:2005(Ed. 7) Cl. 9.1.1.2, IEC 60065:2014(Ed. 8) Cl. 9.1.1 & 9.1.1.3
439	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of mains cord	IS 616:2010 Cl. 16.6,16.7, IS 616:2017 Cl. 16.6,16.7, IEC 60065:2005 (Ed. 7) Cl. 16.6,16.7, IEC 60065:2014 (Ed. 8) Cl. 16.6,16.7
440	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of marking	IS 616:2010 Cl. 5, IS 616:2017 Cl. 5, IEC 60065:2005 (Ed. 7) Cl. 5, IEC 60065:2014(Ed. 8) Cl. 5
441	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of motors	IS 616:2010 Cl. 14.9, IS 616:2017 Cl. 14.10, IEC 60065:2005 (Ed. 7) Cl. 14.9, IEC 60065:2014 (Ed. 8) Cl. 14.10
442	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of mounting retention	IS 616:2010 Cl. 19.6, IS 616:2017 Cl. 19.7, IEC 60065:2005 (Ed. 7) Cl. 19.6, IEC 60065:2014 (Ed. 8) Cl. 19.7
443	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of openings in enclosure	IS 616:2010 Cl. 9.1.3, IS 616:2017 Cl. 9.1.3, IEC 60065:2005 (Ed. 7) Cl. 9.1.3, IEC 60065:2014 (Ed. 8) Cl. 9.1.3
444	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of preset controls	IS 616:2010 Cl. 9.1.5, IS 616:2017 Cl. 9.1.5, IEC 60065:2005 (Ed. 7) Cl. 9.1.5, IEC 60065:2014 (Ed. 8) Cl. 9.1.5
445	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of protective covers	IS 616:2010 Cl. 9.2, IS 616:2017 Cl. 9.2, IEC 60065:2005 (Ed. 7) Cl. 9.2, IEC 60065:2014 (Ed. 8) Cl. 9.2

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446	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of protective devices	IS 616:2010 Cl. 14.6, IS 616:2017 Cl. 14.7, IEC 60065:2005 (Ed. 7) Cl. 14.6, IEC 60065:2014 (Ed. 8) Cl. 14.7
447	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of remote control devices	IS 616:2010 Cl. 12.3, IS 616:2017 Cl. 12.3, IEC 60065:2005 (Ed. 7) Cl. 12.3, IEC 60065:2014 (Ed. 8) Cl. 12.3
448	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of resistors	IS 616:2010 Cl. 14.1, IS 616:2017 Cl. 14.2, IEC 60065:2005(Ed. 7) Cl. 14.1, IEC 60065:2014 (Ed. 8) Cl. 14.2
449	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of rod antennas	IS 616:2010 Cl. 12.6.1, IS 616:2017 Cl. 12.6.1, IEC 60065:2005 (Ed. 7) Cl. 12.6.1, IEC 60065:2014 (Ed. 8) Cl. 12.6.2
450	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of stability of equipment	IS 616:2010 Cl. 19.1,19.2,19.3,19.4 & 19.6, IS 616:2017 Cl. 19.1,19.2,19.3, 19.4 & 19.6, IEC 60065:2005 (Ed. 7) Cl. 19.1,19.2,19.3,19.4 & 19.6, IEC 60065:2014 (Ed. 8) Cl. 19.1,19.2,19.3, 19.4 & 19.6
451	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of switches	IS 616:2010 Cl. 14.7, IS 616:2017 Cl. 14.8, IEC 60065:2005 (Ed. 7) Cl. 14.7, IEC 60065:2014 (Ed. 8) Cl. 14.8
452	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of terminals	IS 616:2010 Cl. 9.1.4, IS 616:2017 Cl. 9.1.4, IEC 60065:2005 (Ed. 7) Cl. 9.1.4, IEC 60065:2014 (Ed. 8) Cl. 9.1.4
453	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Verification of voltage settings devices	IS 616:2010 Cl. 14.8, IS 616:2017 Cl. 14.9, IEC 60065:2005 (Ed. 7) Cl. 14.8, IEC 60065:2014 (Ed. 8) Cl. 14.9
454	ELECTRONICS- AUDIO EQUIPMENT	Audio, video and electronic apparatus	Voltage Measurement	IS 616:2010 Cl. 13.2, IS 616:2017 Cl. 13.2, IEC 60065:2005(Ed. 7) Cl. 13.2, IEC 60065:2014(Ed. 8) Cl. 13.2

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455	ELECTRONICS- AUDIO EQUIPMENT	Audio, video ans electronic apparatus	Verification of disconnection devices	IS 616:2010 Cl. 8.19, IS 616:2017 Cl. 8.18, IEC 60065:2005 (Ed. 7) Cl. 8.19, IEC 60065:2014 (Ed. 8) Cl. 8.18
456	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Ball pressure	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.5.5, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.5.5
457	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Current Measurement	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 1.6.2, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 1.6.2
458	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Dielectric Strength	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.9, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.9
459	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Dielectric strength	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 6.2.2.2, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 6.2.2.2
460	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Dielectric strength	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 6.2.2, 5.2, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 6.2.2, 5.2
461	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Dimension Measurement	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.10, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.10
462	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Drop	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.2.6, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.2.6
463	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Dry heat	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.6.5, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.6.5

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464	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Earth bond	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.6, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.6
465	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Flammability	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.7 + Annex A , IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.7 + Annex A
466	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Force	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.2.1 , IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.2.1
467	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Impact	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.2.5 , IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.2.5
468	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Impulse	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 6.2.2.1, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 6.2.2.1
469	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Insulation resistance	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 7, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 7
470	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Limited power measurement	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.5, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.5
471	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Stability	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.1, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.1

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472	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Stress relief	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.2.7, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.2.7
473	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Temperature rise	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.5.2, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.5.2
474	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Temperature rise	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.5.4, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.5.4
475	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Temperature rise	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 5.3, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 5.3
476	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Touch current	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.4, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.4
477	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Touch current	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 5.1, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 5.1
478	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of constructional requirements	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.3.2, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.3.2
479	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of interlock protections	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.8, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.8
480	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of marking	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 1.7.11, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 1.7.11

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481	ELECTRONICS- IT EQUIPMENT	Information Technology Equipment	Verification of mounting retention	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Annex DD, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Annex DD
482	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of mounting retention	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 4.2.10, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 4.2.10
483	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of protection against electric shock	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.1, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.1
484	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Verification of wiring	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 3, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 3
485	ELECTRONICS- IT EQUIPMENT	Information technology equipment	Voltage Measurement	IS 13252 (Part 1): 2010 + AMD 1: 2013 + AMD 2: 2015 Cl. 2.3, IEC 60950-1 (Edition 2.2):2005 + AMD 1: 2009 + AMD 2: 2013 Cl. 2.3
486	ELECTRONICS- SAFETY TESTING FACILITY	Audio, video and electronic apparatus	Dielectric strength	IS 616:2010, Cl. 10.3 IS 616:2017, Cl. 10.4.1 IEC 60065:2005(Ed. 7), Cl. 10.3 IEC 60065:2014(Ed. 8), Cl. 10.4.1
487	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Ball pressure	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.5
488	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Battery electrolytic leakage	IS/IEC 60079-11:2006 (RA 2013) Cl.10.5.2 IEC 60079-11(Edition 5.0):2006 Cl.10.5.2 IEC 60079-11(Edition 6.0):2011 Cl.10.5.2
489	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 60079-11(Edition 5.0):2006 Cl.10.11.2.3, IEC 60079-11(Edition 6.0):2011 Cl.10.11.2.3

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490	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 60079-11(Edition 5.0):2006 Cl.10.11.2.4.1, IEC 60079-11(Edition 6.0):2011 Cl.10.11.2.4.1
491	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 60079-11(Edition 5.0):2006 Cl.10.11.2.4.2, IEC 60079-11(Edition 6.0):2011 Cl.10.11.2.4.2
492	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.6
493	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.7.3.2
494	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.8
495	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.8.3.1 & 6.8.3.2
496	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IS/IEC 60079-11:2006 (RA 2013) Cl.10.3, IEC 60079-11(Edition 5.0):2006 Cl.10.3, IEC 60079-11(Edition 6.0):2011 Cl.10.3
497	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric strength	IEC 60079-11(Edition 5.0):2006 Cl.10.11.3.2 & 5, IEC 60079-11(Edition 6.0):2011 Cl.10.11.3.2 & 5
498	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dielectric, dimension measurement and temperature rise	IS/IEC 60079-26: 2006 Cl.5.1 (RA 2013), IEC 60079-26 (Edition 2.0) : 2006 Cl. 5.1, IS/IEC & IEC 60079-26 (Edition 3) :2014 Cl. 5.1
499	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dimension measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.10.1
500	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dimension Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.10.2.1
501	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dimension Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.7.1.2 & 6.7.1.3

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502	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dimension Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.7.3.3
503	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Dimension Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.9
504	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Drop	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 8.3
505	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Earth Bond	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.5.2.4, 6.5.2.5 and 6.5.2.6
506	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Force	IS/IEC 60079-11:2006 (RA 2013) Cl.10.6.1, IEC 60079-11(Edition 5.0):2006 Cl.10.6.1, IEC 60079-11(Edition 6.0):2011 Cl.10.6.1
507	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Force	IS/IEC 60079-11:2006 (RA 2013) Cl.10.6.3, IEC 60079-11(Edition 5.0):2006 Cl.10.6.3, IEC 60079-11(Edition 6.0):2011 Cl.10.6.3
508	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Humidity Treatment	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.8.2
509	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Impact	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 8
510	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Impact	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 8.2.2
511	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Impulse	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.8.3.3
512	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Ingress Protection	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 11.6
513	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Marking	IS/IEC 60079-26: 2006 Cl.6 (RA 2013), IEC 60079-26 (Edition 2.0) : 2006 Cl.6, IS/IEC & IEC 60079-26 (Edition 3) :2014 Cl.6

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514	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Pressure Measurement	IS/IEC 60079-11:2006 (RA 2013) Cl.10.5.4, IEC 60079-11(Edition 5.0):2006 Cl.10.5.4, IEC 60079-11(Edition 6.0):2011 Cl.10.5.4
515	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Pressure Measurement	IS/IEC 60079-26: 2006 Cl. 5.2, IS/IEC 60079-26: 2014, Cl. 5.2, IEC 60079-26 (Edition 3.0):2014, Cl. 5.2
516	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Pull	IS/IEC 60079-11:2006 (RA 2013) Cl.10.9, IEC 60079-11(Edition 5.0):2006 Cl.10.9, IEC 60079-11(Edition 6.0):2011 Cl.10.9
517	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Pull and dielectric strength	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016, Cl. 6.10.2.2
518	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Separation elements	IS/IEC 60079-26: 2006 Cl.5.2 (RA 2013), IEC 60079-26 (Edition 2.0) : 2006 Cl.5.2, IS/IEC & IEC 60079-26 (Edition 3) :2014 Cl.5.2
519	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Spark Ignition	IS/IEC 60079-11:2006 (RA 2013) Cl.10.1, IEC 60079-11(Edition 5.0):2006 Cl.10.1, IEC 60079-11(Edition 6.0):2011 Cl.10.1
520	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Static	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 8.2.1
521	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Surge	IS/IEC 60079-25:2010 Cl. 12, IEC 60079-25 (Edition 2.0): 2010 Cl. 12
522	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature Evaluation	IS/IEC 60079-26: 2006 Cl.5.3 (RA 2013), IEC 60079-26 (Edition 2.0) : 2006 Cl.5.3, IS/IEC & IEC 60079-26 (Edition 3) :2014 Cl.5.3
523	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.1
524	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.2

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525	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.3
526	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.4
527	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.4.1
528	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 10.4.2
529	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 14
530	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 4.4.2.7
531	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 4.4.4
532	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 4.4.4.1, 4.4.4.2, 4.4.4.3 and 4.4.4.4
533	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-25:2010 Cl. 5, IEC 60079-25 (Edition 2.0): 2010 Cl. 5
534	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-25:2010 Cl. 7, IEC 60079-25 (Edition 2.0): 2010 Cl. 7
535	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-26: 2006 Cl. 5.2, IS/IEC 60079-26: 2014 Cl. 5.3, IEC 60079-26 (Edition 3.0):2014 Cl. 5.2
536	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-26: 2006, Cl. 5.3, IS/IEC 60079-26: 2014, Cl. 5.3, IEC 60079-26 (Edition 3.0):2014, Cl. 5.3

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537	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 60079-11(Edition 5.0):2006 Cl.10.11.2.1, IEC 60079-11(Edition 6.0):2011 Cl.10.11.2.1
538	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IEC 60079-11(Edition 5.0):2006 Cl.10.11.2.2, IEC 60079-11(Edition 6.0):2011 Cl.10.11.2.2
539	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-11:2006 (RA 2013) Cl.10.10, IEC 60079-11(Edition 5.0):2006 Cl.10.10, IEC 60079-11(Edition 6.0):2011 Cl.10.10
540	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-11:2006 (RA 2013) Cl.10.2, IEC 60079-11(Edition 5.0):2006 Cl.10.2, IEC 60079-11(Edition 6.0):2011 Cl.10.2
541	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Temperature rise	IS/IEC 60079-11:2006 (RA 2013) Cl.10.5.3, IEC 60079-11(Edition 5.0):2006 Cl.10.5.3, IEC 60079-11(Edition 6.0):2011 Cl.10.5.3
542	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Torque	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.5.2.3
543	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for earthing	IS/IEC 60079-25:2010 Cl. 11, IEC 60079-25 (Edition 2.0): 2010 Cl. 1, IS/IEC 60079-11:2006 (RA 2013) Cl. 6.5, IEC 60079-11 (Edition 6.0): 2011 Cl. 6.5 and IEC 60079-14 (Edition 5.0): 2013
544	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for battery leakage	IS/IEC 60079-11:2006 (RA 2013) Cl.10.5.2, IEC 60079-11(Edition 5.0):2006 Cl.10.5.2, IEC 60079-11(Edition 6.0):2011 Cl.10.5.2
545	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for current carrying capacity of PCB track	IEC 60079-11(Edition 5.0):2006 Cl.10.12, IEC 60079-11(Edition 6.0):2011 Cl.10.12
546	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for mechanical hazards	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 7

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547	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for over-current protection	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 9.6
548	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for protective bonding	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.5.2.2
549	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification for sealing of component	IEC 60079-11(Edition 5.0):2006 Cl.10.6.2, IEC 60079-11(Edition 6.0):2011 Cl.10.6.2
550	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of disconnection from supply source	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6.11
551	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of Intrinsic safe interconnecting wiring	IS/IEC 60079-25:2010 Cl. 8, IEC 60079-25 (Edition 2.0): 2010 Cl. 8 and IS/IEC 60079-11:2006 (RA 2013), Cl. 8.7, IEC 60079-11 (Edition 6.0): 2011 Cl. 8.8
552	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of Intrinsic safe interconnections	IS/IEC 60079-25:2010 Annex C, IEC 60079-25 (Edition 2.0): 2010 Annex C
553	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of Intrinsic safe system	IS/IEC 60079-25:2010 Cl. 13, IEC 60079-25 (Edition 2.0): 2010 Cl. 13
554	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of Intrinsic safe system	IS/IEC 60079-25:2010, Annex B, IEC 60079-25 (Edition 2.0): 2010 Annex B, IS/IEC 60079-11:2006 (RA 2013), Annex A, IEC 60079-11 (Edition 6.0): 2011, Annex A
555	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of Intrinsic safe terminals	IS/IEC 60079-25:2010 Cl. 13.5, IEC 60079-25 (Edition 2.0): 2010 Cl. 13.5, IS/IEC 60079-11:2006 (RA 2013) Cl. 10, IEC 60079-11 (Edition 6.0): 2011 Cl. 10
556	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of automatic disconnection of supply	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6.5.5
557	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of connection for mains supply source	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6.10

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558	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of energy store in piezoelectric devices	IS/IEC 60079-11:2006 (RA 2013) Cl.10.7, IEC 60079-11(Edition 5.0):2006 Cl.10.7, IEC 60079-11(Edition 6.0):2011 Cl.10.7
559	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of fluid pressure and leakage	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 11.7
560	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of hazards from fluids	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 11
561	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of inductive parameters	IS/IEC 60079-25:2010 Annex D, IEC 60079-25 (Edition 2.0): 2010 Annex D
562	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of interlock protections	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 15
563	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of marking for label	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 5.1 to 5.4
564	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of marking for plugs and connectors	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6.10.3
565	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of nature of insulation	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6.7
566	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of optical isolator current protection	IEC 60079-11(Edition 5.0):2006 Cl.10.11.3.4, IEC 60079-11(Edition 6.0):2011 Cl.10.11.3.4
567	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of protection against electric shock	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD 1 (Edition 3.1): 2016 Cl. 6
568	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Verification of protection against spread of fires	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 9
569	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Voltage Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.5.6
570	ELECTRONICS- SAFETY TESTING FACILITY	Electrical equipment	Voltage Measurement	IEC 61010 (Part 1) (Edition 3.0): 2010 + AMD1 (Edition 3.1): 2016 Cl. 6.7.2 & 6.7.3

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571	ELECTRONICS- SAFETY TESTING FACILITY	Explosive Atmospheres Part 11, Equipment Protection by Intrinsic Safety “i”	Battery electrolytic leakage	IS/IEC 60079-11:2006 (RA 2013) Cl.10.5.2 IEC 60079-11(Edition 5.0):2006 Cl.10.5.2 IEC 60079-11(Edition 6.0):2011 Cl.10.5.2
572	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Dead Band	IEC 61298-2(Edition 2.0):2008 Cl. 5
573	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Dielectric Strength	IEC 61298-2(Edition 2.0): 2008 Cl. 6.3.3
574	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Earthing	IEC 61298-2(Edition 2.0):2008 Cl. 13.3
575	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Humidity Treatment	IEC 61298-2(Edition 2.0):2008 Cl. 5
576	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Hysteresis	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.5
577	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Inaccuracy	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.1
578	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Inaccuracy	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.1
579	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Inaccuracy	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.1
580	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Inaccuracy	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.1
581	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Input Resistance	IEC 61298-2(Edition 2.0):2008 Cl. 6.2
582	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Insulation Resistance	IEC 61298-2(Edition 2.0): 2008 Cl. 6.3.2
583	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Maximum measured error	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.2
584	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Non-Conformity	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.4
585	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Non-Linearity	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.3
586	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Non-repeat ability	IEC 61298-2(Edition 2.0):2008 Cl. 4.1.7.6
587	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Output load	IEC 61298-2(Edition 2.0):2008 Cl. 11
588	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Output ripple	IEC 61298-2(Edition 2.0):2008 Cl. 6.5

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589	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Power Consumption	IEC 61298-2(Edition 2.0):2008 Cl. 6.4.1
590	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Start-up drift Long term drift	IEC 61298-2(Edition 2.0):2008 Cl. 7.1 & 7.2
591	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Start-up drift Long term drift	IEC 61298-2(Edition 2.0):2008 Cl. 7.1 & 7.2
592	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Start-up drift Long term drift	IEC 61298-2(Edition 2.0):2008 Cl. 7.1 & 7.2
593	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Start-up drift Long term drift	IEC 61298-2(Edition 2.0):2008 Cl. 7.1 & 7.2
594	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Step Response	IEC 61298-2(Edition 2.0):2008 Cl. 5.4
595	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Supply voltage variations	IEC 61298-2(Edition 2.0):2008 Cl. 12.1
596	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Temperature Treatment	IEC 61298-2(Edition 2.0):2008 Cl. 5
597	ELECTRONICS- SAFETY TESTING FACILITY	Process measurement and control devices	Verification of effect of pressure	IEC 61298-2(Edition 2.0):2008 Cl. 23

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Site Facility				
1	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingess protection	IS 10322 (Part 4): 1984 (RA 2005), IS 10322 (Part 1)
2	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection	IS/IEC 60034-5:2000, IEC 60034-5:2006, IEC 60034-5:2020
3	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection of low voltage switch gear and control gear	IS/IEC 60947(Part 1): 2007 (RA 2017)Appendix C, IEC 60947(Part-1):2007+AMD1:2010+AMD2:2014 Ed.5.2, IS/IEC 60529: 2001, IEC 60529: 2013, IS 12063: 1987, IS/IEC 60034-5: 2000, IEC 60034-5: 2006, IEC 60034-5:2020, IS 4691: 1985, IS 10322 (Part 4): 1984 + AMD 1: 2011
4	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electrical equipment	Ingress protection	IS/IEC 60529 : 2001(RA 2014), IEC 60529:1989 + AMD 1:1999 + AMD 2:2013
5	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Ability of pressurized enclosure to limit internal pressure	IS/IEC 60079-2:2007 Cl. 16.8, IS/IEC 60079-2:2014 Cl. 16.8, NPFA 496: 2017
6	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Cage rotor construction	IS/IEC 60079-7: 2006 Cl. 6.2.3.2 + Annexure A, IS/IEC 60079-7: 2015 Cl. 6.2.3.2 + Annexure A, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.3.2 + Annexure A
7	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of starting current ratio	IS/IEC 60079-7: 2006 Cl. 6.2.1, IS/IEC 60079-7: 2015 Cl. 6.2.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.2.1
8	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Determination of Time te	IS/IEC 60079-7: 2006 Annexure A, IS/IEC 60079-7: 2015 Annexure A, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Annexure A
9	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dielectric Strength	IS/IEC 60079-7: 2006 Cl. 6.1, IS/IEC 60079-7: 2015 Cl. 6.1, IEC 60079-7(Ed.5.0): 2015, Cl. 6.1, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.1

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10	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Dilution	IS/IEC 60079-2: 2007 Cl. 16.4.2.2 & 16.4.3.2 & 16.4.4.2, IS/IEC 60079-2:2014 Cl. 16.5.2.2 & 16.5.3.2 and 16.5.4.2, IEC 60079-2 (Edition 6.0) :2014 Cl. 16.5.2.2 & 16.5.3.2 and 16.5.4.2, NPFA 496: 2017
11	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Filling procedure test for a pressurized enclosure protected by static pressurization	IS/IEC 60079-2:2007 Cl. 16.3.4, IS/IEC 60079-2:2014 Cl. 16.4.5, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.5, NPFA 496: 2017
12	ELECTRICAL-MISCELLANEOUS	Electrical equipment	General Purpose connection and junction boxes measurement of temperature and power dissipated	IS/IEC 60079-7: 2006 Cl. 6.7, IS/IEC 60079-7: 2015 Cl. 6.8, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, Cl. 6.8
13	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Leakage Test: Other than static pressurization	IS/IEC 60079-2:2007 Cl. 16.2.1, IS/IEC 60079-2:2014 Cl. 16.3.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.3.1, NPFA 496: 2017
14	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum over pressure	IS/IEC 60079-2:2007 Cl. 16.1, IS/IEC 60079-2:2014 Cl. 16.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.2, NPFA 496: 2017
15	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Maximum over-pressure rating	IS/IEC 60079-2:2007 Cl. 16.1, IS/IEC 60079-2:2014 Cl. 16.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.1, NPFA 496: 2017
16	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for a Containment system with limited release)	IS/IEC 60079-2:2007 Cl. 16.8, IS/IEC 60079-2:2014 Cl. 16.8, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.8, NPFA 496: 2017
17	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (for an infallible containment system)	IS/IEC 60079-2:2007 Cl. 16.6.1, IS/IEC 60079-2:2014 Cl. 16.7.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.7.1, NPFA 496: 2017
18	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (on sealed enclosures)	IS/IEC 60079-6:2007 Cl. 5.1.1, IS/IEC 60079-6:2015 Cl. 6.1.1, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.1, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.1

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19	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over pressure (on unsealed enclosures)	IS/IEC 60079-6:2007 Cl. 5.1.3, IS/IEC 60079-6:2015 Cl. 6.1.3, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.3, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.3
20	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure test (where protective gas is air)	IS/IEC 60079-2:2007 Cl. 16.3.1, IS/IEC 60079-2:2014 Cl. 16.4.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.1, NPFA 496: 2017
21	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressure test (where protective gas is inert)	IS/IEC 60079-2:2007 Cl. 16.3.2, IS/IEC 60079-2:2014 Cl. 16.4.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.2, NPFA 496: 2017
22	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Pressurized enclosure test where protective gas is inert or air with density equal to air ±10%	IS/IEC 60079-2:2007 Cl. 16.3.3, IS/IEC 60079-2:2014 Cl. 16.4.3, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.4.3, NPFA 496: 2017
23	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Purging	IS/IEC 60079-2:2007 Cl. 16.4.2.1, 16.4.3.1, 16.4.4.1, IS/IEC 60079-2:2014 Cl. 16.5.2.1, 16.5.3.1, 16.5.4.1, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.5.2.1, 16.5.3.1, 16.5.4.1, NPFA 496: 2017
24	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Qualification (Verification) of minimum overpressure	IS/IEC 60079-2: 2007 Cl. 16.5, IS/IEC 60079-2: 2014 Cl. 16.5, IEC 60079-2(Edition 6.0):2014 Cl. 16.6, NPFA 496: 2017
25	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Reduced Pressure test on sealed enclosures	IS/IEC 60079-6:2007 Cl. 5.1.2, IS/IEC 60079-6:2015 Cl. 6.1.2, IEC 60079-6(Ed. 3.0): 2007 Cl. 5.1.2, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl. 6.1.2
26	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Static Pressurization	IS/IEC 60079-2:2007 Cl. 16.2.2, IS/IEC 60079-2:2014 Cl. 16.3.2, IEC 60079-2 (Edition 6.0): 2014 Cl. 16.3.2, NPFA 496: 2017
27	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-7: 2006 Cl. 6.5, IS/IEC 60079-7: 2015 Cl. 6.5, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017 Cl. 6.5

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28	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of constructional requirements	IS/IEC 60079-6:2007 Cl. 4, IS/IEC 60079-6:2015 Cl. 4, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl 4.0
29	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of marking	IS/IEC 60079-6:2007 Cl. 6, IS/IEC 60079-6:2015 Cl. 7, IEC 60079-6(Ed. 3.0): 2007 Cl. 6, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl.7
30	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of protective liquid requirements	IS/IEC 60079-6:2007 Cl. 4.2, IS/IEC 60079-6:2015 Cl. 5, IEC 60079-6(Ed. 3.0): 2007 Cl 5.0, IEC 60079-6 (Edition 4.0) :2015 + AMD 1: 2020 Cl 5.0
31	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Air flow measurements	IS/IEC 60079-16 (Ed.1.0) :1990 (RA 2013) Cl.7(3)
32	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Earth continuity for Ex"i" installations	IS/IEC 60079-17: 2007 & 2013 Table 2 (B.6), IEC 60079-17 (Edition 5.0): 2013 Table 2 (B.6), IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
33	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Electrical Protection Assessment of IA/IN ratio, and checking time tE, temperature rise of short circuited transformer. Verification of single phasing protective devices w.r.t. automatic disconnection overload, short circuit, earth faults	IEC 60079-14 (Edition 4.0): 2007 Cl. 7, IEC 60079-14 (Edition 5.0): 2013 Cl. 7
34	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Explosion test and thermal	IS/IEC 60079-15: 2005 Cl.33.14.1, IS/IEC 60079-15: 2010 Cl.22.13.1, IEC 60079-15 (Edition 5.0): 2017 Cl.22.13.1
35	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex "tD" installations	IS/IEC 60079-17: 2007 Table 4 (B.6)

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36	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex"d", Ex"e" ,Ex"n" & Ex t/tD installations	IS/IEC 60079-17: 2007 & 2013 Table 1 (B.7), IEC 60079-17 (Edition 5.0) : 2013 Table 1 (B.7), IS/IEC 60079-1: 2007 (RA 2012) & 2014, IEC 60079-1 (Edition 6.0): 2007 IEC 60079-1 (Edition 7.0): 2014 IS/IEC 60079-7: 2006 IS/IEC 60079-7: 2015 IEC 60079-7(Ed.5.0): 2015 , IEC 60079-7(Ed.5.1): 2017, IS/IEC 60079-15: 2005 IS/IEC 60079-15: 2010 IEC 60079-15(Edition 4.0) : 2010 IEC 60079-15 (Edition 5.0): 2017
37	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Fault loop impedance / earthing resistance for Ex"p" and Ex"pD" installations	IS/IEC 60079-17: 2007 & 2013 Table 3 (B.4), IEC 60079-17 (Edition 5.0): 2013 Table 3 (B.4), IS/IEC 60079-2: 2007, IS/IEC 60079-2: 2014, IEC 60079-2 : 2007, IEC 60079-2 (Edition 6.0): 2014
38	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flow measurement	IEC 60079-13:2017 (Ed. 2) Cl.7.5.7
39	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Flow rate	IEC 60079-13:2017 (Ed. 2) Cl.7.5.4
40	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation	IS/IEC 60079-15: 2005 Cl.22, IS/IEC 60079-15: 2010 Cl.12, IEC 60079-15(Edition 4.0) : 2010 Cl.12, IEC 60079-15 (Edition 5.0): 2017 Cl.12
41	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance	IEC 60079-14 (Edition 4.0): 2007 Cl. 8, IEC 60079-14 (Edition 5.0): 2013 Cl. 8, IS 16724: 2018 Cl. 8
42	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex "tD" installations	IS/IEC 60079-17 Table 4 (B.7)

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43	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex"d", Ex"e" ,Ex"n" & Ex t/tD installations	IS/IEC 60079-17: 2007 Table 1 (B.8), IS/IEC 60079-17: 2013 Table 1 (A.31), IEC 60079-17 (Edition 5.0) : 2013 Table 1 (A.31), IS/IEC 60079-1: 2007 (RA 2012) & 2014, IEC 60079-1 (Edition 6.0): 2007 IEC 60079-1 (Edition 7.0): 2014 IS/IEC 60079-7: 2006 IS/IEC 60079-7: 2015 IEC 60079-7(Ed.5.0): 2015 , IEC 60079-7(Ed.5.1): 2017, IS/IEC 60079-15: 2005 IS/IEC 60079-15: 2010 IEC 60079-15(Edition 4.0) : 2010 IEC 60079-15 (Edition 5.0): 2017
44	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation resistance for Ex"i" installations	IS/IEC 60079-17: 2007 Table 2 (B.8), IS/IEC 60079-17: 2013 Table 2 (B.9), IEC 60079-17 (Edition 5.0): 2013 Table 2 (B.9), IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
45	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Insulation thermal	IS/IEC 60079-19: 2006 Cl. 8.2.4, IS/IEC 60079-19: 2010 Cl. 8.2.4, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.4
46	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 11.2.5.2.2 b, IS/IEC 60079-19: 2010 Cl. 11.2.5.2.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6.2.2 b
47	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 7.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 7.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 7.2.6.3.2 b
48	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.2 b

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49	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl. 9.2.6.3.2 b, IS/IEC 60079-19: 2010 Cl. 9.2.6.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.3.2 b
50	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Locked rotor	IS/IEC 60079-19: 2006 Cl.5.2.7.3.2 b, IS/IEC 60079-19: 2010 Cl.5.2.7.3.2 b, IEC 60079-19: 2019 (Ed. 4) Cl.5.2.7.3.2 b
51	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Over Pressure (1.5 X Ref Pressure Over Pressure Test - 4 X Ref Pressure Over Pressure Test - 3 X Ref Pressure)	IS/IEC 60079-1: 2007 Cl. 15.1.3.1 (RA 2012), IEC 60079-1 (Edition 7.0): 2014 Cl. 15.2.3.2, IS/IEC 60079-1: 2014, Cl. 15.2.3.2
52	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Protection from dangerous (Incendive) sparking	IEC 60079-14 (Edition 4.0): 2007 Cl. 6, IEC 60079-14 (Edition 5.0): 2013 Cl. 6, IS 16724: 2018 Cl. 6
53	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Purging	IEC 60079-13 (Ed. 2) Cl.7.5.3
54	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature measurement	IS/IEC 60079-0:2004 Cl. 26.5.1, IS/IEC 60079-0:2007 Cl. 26.5.1, IS/IEC 60079-0:2011 Cl. 26.5.1, IEC 60079-0:2011 Ed. 6.0 Cl. 26.5.1, IEC 60079-0:2017 Ed. 7.0 Cl. 26.5.1
55	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 11.2.6, IS/IEC 60079-19: 2010 Cl. 11.2.6, IEC 60079-19: 2019 (Ed. 4) Cl. 11.2.6
56	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 5.2.7.4, IS/IEC 60079-19: 2010 Cl. 5.2.7.4, IEC 60079-19: 2019 (Ed. 4) Cl. 5.2.7.4
57	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 8.2.6.3.3, IS/IEC 60079-19: 2010 Cl. 8.2.6.3.3, IEC 60079-19: 2019 (Ed. 4) Cl. 8.2.6.3.3
58	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Temperature Measurement	IS/IEC 60079-19: 2006 Cl. 9.2.6.4, IS/IEC 60079-19: 2010 Cl. 9.2.6.4, IEC 60079-19: 2019 (Ed. 4) Cl. 9.2.6.4

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59	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Torque	IEC 60079-14 (Edition 4.0): 2007 Cl. 9, IEC 60079-14 (Edition 5.0): 2013 Cl. 9, IS 16724: 2018, Cl. 9
60	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of flow	IEC 60079-13 (Ed. 2) Cl. 7.5.5
61	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of flow	IEC 60079-13 (Ed. 2) Cl.7.5.6
62	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of EPL, cables, earthing, IS circuits, simple apparatus, terminal boxes for intrinsically safe equipment.	IEC 60079-14: 2013 (Ed. 5) Cl. 16, IS 16724: 2018 Cl.16, IS/IEC 60079-11:2006 (RA 2013), IEC 60079-11(Edition 5.0):2006, IEC 60079-11(Edition 6.0):2011
63	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of external connections for oil immersed equipment.	IEC 60079-14 (Edition 5.0): 2013 Cl.19, IS 16742: 2018 Cl. 19, IS/IEC 60079-6: 2007 & 2015, IEC 60079-6 (Ed. 3): 2007, (Ed. 4): 2015 & AMD 1: 2020
64	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of maximum dissipated power of terminal box enclosures and conductor terminations.	IEC 60079-14 (Edition 5.0): 2013 Cl.15, IS/IEC 60079-0: 2004, IS/IEC 60079-0: 2007, IS/IEC 60079-0: 2011, IEC 60079-0 (Edition 6.0): 2011, IEC 60079-0 (Edition 7.0): 2017, IS/IEC 60079-7: 2006, IS/IEC 60079-7: 2015, IEC 60079-7(Ed.5.1): 2015 + AMD 1: 2017, IS 16724: 2018
65	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of solid obstacles, protection of flameproof joints and conduit systems for flameproof equipment.	IEC 60079-14 (Edition 4.0): 2007 Cl. 14, IEC 60079-14 (Edition 5.0): 2013 Cl. 14, IS/IEC 60079-0: 2004, IS/IEC 60079-0: 2007, IS/IEC 60079-0: 2011, IEC 60079-0 (Edition 6.0): 2011, IEC 60079-0 (Edition 7.0): 2017, IS/IEC 60079-1: 2007 (RA 2012), IS/IEC 60079-1: 2014, IEC 60079-1 (Edition 6.0): 2007, IEC 60079-1 (Edition 7.0): 2014

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66	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of type of protection Ex nR and conductor terminations for non sparking equipment.	IEC 60079-14 (Edition 5.0): 2013 Cl. 18, IS 16724: 2018, Cl. 18, IS/IEC 60079-15: 2005 & 2010, IEC 60079-15(Ed. 4): 2010 & (Ed. 5): 2017
67	ELECTRICAL-MISCELLANEOUS	Electrical equipment	Verification of suitability of type of protection, Ex p, Ex pD, pressurized rooms and analyzer houses for pressurized equipment.	IEC 60079-14 (Edition 4.0): 2007 Cl.17, IEC 60079-14 (Edition 5.0): 2013 Cl.17, IS/IEC 60079-2: 2007, IS/IEC 60079-2: 2014, IEC 60079-2 : 2007, IEC 60079-2 (Edition 6.0): 2014, IS 16724: 2018 Cl.17
68	ELECTRICAL-MISCELLANEOUS	Equipment assemblies	1. IP for degree of protection for non-rotating machines. 2. Dielectric strength	IEC 60079-46 (Ed. 1.0) Cl.6.6
69	ELECTRICAL-MISCELLANEOUS	Equipment assemblies	1. Thermal test 2. Resistance to impact	IEC 60079-46 (Ed. 1.0) Cl.6.4