



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name ASTUTE LABS PVT. LTD., SR. NO. 82/1, BAJIRAO DHAWADE PATIL INDUSTRIAL ESTATE, NDA ROAD, SHIVANE, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5365 Page No. : 1 / 28

Validity 27/03/2019 to 26/03/2021 Last Amended on 12/04/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Burst Immunity Test	IEC 61000-4-4 : 2012	Qualitative
2	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Conducted Emission Test	CISPR 11/ EN 55011: 2015	9 kHz to 30 kHz, Upto 130 dBμV
3	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Electrical Fast Transient (EFT)	IEC 61000-4-4 : 2012	Qualitative
4	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Electrostatic Discharge Immunity Test	IEC 61000-4-2 : 2009	Qualitative
5	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Harmonic Current Emission Test	IEC 61000-3-2: 2014	1 Harmonics to 40 Harmonics
6	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	High Energy / Telecom Surge Immunity Test	IEC 61000-4-5 : 2014	Qualitative
7	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Power Frequency Magnetic Field Immunity Test	IEC 61000-4-8 : 2010	Qualitative
8	ELECTRONICS- EMC TEST FACILITY	Electrical & Electronic equipment	Voltage dips, short interruptions and voltage variations immunity tests	IEC 61000-4-11: 2004	Qualitative
9	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Burst Immunity Test	IEC/EN 60601-1-2: 2015	Qualitative
10	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Conducted Emission Test	IEC/EN 60601-1-2: 2015	9 kHz to 30 kHz, Upto 130 dBμV
11	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Electrical Fast Transient (EFT)	IEC/EN 60601-1-2: 2015	Qualitative
12	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Electrostatic Discharge Immunity Test	IEC/EN 60601-1-2: 2015	Qualitative



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13	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Harmonic Current Emission Test	IEC/EN 60601-1-2 : 2015	1 Harmonics to 40 Harmonics
14	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	High Energy / Telecom Surge Immunity Test	IEC/EN 60601-1-2: 2015	Qualitative
15	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Power Frequency Magnetic Field Immunity Test	IEC/EN 60601-1-2: 2015	Qualitative
16	ELECTRONICS- EMC TEST FACILITY	Medical electrical equipment	Voltage dips, short interruptions and voltage variations immunity tests	IEC/EN 60601-1-2: 2015	Qualitative
17	ELECTRONICS- SAFETY TESTING FACILITY	Infant phototherapy equipment	Applied parts and accessible parts	IEC/ EN 60601-2-50: 2009	Qualitative
18	ELECTRONICS- SAFETY TESTING FACILITY	Infant phototherapy equipment	Creepage distances and air clearances	IEC/ EN 60601-2-50: 2009	0.1 mm to 150 mm
19	ELECTRONICS- SAFETY TESTING FACILITY	Infant phototherapy equipment	Dielectric strength	IEC/ EN 60601-2-50: 2009	Qualitative(0.5 kV to 5 kV)
20	ELECTRONICS- SAFETY TESTING FACILITY	Infant phototherapy equipment	Drop test	IEC/ EN 60601-2-50: 2009	Qualitative
21	ELECTRONICS- SAFETY TESTING FACILITY	Cardiac defibrillators	Applied parts and accessible parts	IEC/EN 60601-2-4: 2003	Qualitative
22	ELECTRONICS- SAFETY TESTING FACILITY	Cardiac defibrillators	Drop test	IEC/EN 60601-2-4: 2003	Qualitative



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23	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Impact test	IEC/EN 60601-2-4: 2003	Qualitative
24	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Instability – overbalance	IEC/EN 60601-2-4: 2003	Qualitative
25	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Instability from unwanted lateral movement	IEC/EN 60601-2-4: 2003	Qualitative
26	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Intended to be connected to a power source by a plug	IEC/EN 60601-2-4: 2003	1 V AC to 300 V AC
27	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Mechanical strength and resistance to heat	IEC/EN 60601-2-4: 2003	Qualitative
28	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Mould stress relief test	IEC/EN 60601-2-4: 2003	Qualitative
29	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Power Input	IEC/EN 60601-2-4: 2003	1 V AC to 300 V AC
30	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-2-4: 2003	10 A to 25 A
31	ELECTRONICS-SAFETY TESTING FACILITY	Cardiac defibrillators	Push test	IEC/EN 60601-2-4: 2003	Qualitative
32	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Applied parts and accessible parts	IEC/ EN 60601-2-27: 2006	Qualitative



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33	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Creepage distances and air clearances	IEC/ EN 60601-2-27: 2006	0.1 mm to 150 mm
34	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Dielectric strength	IEC/ EN 60601-2-27: 2006	Qualitative(0.5 kV to 5 kV)
35	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Impact test	IEC/ EN 60601-2-27: 2006	Qualitative
36	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Instability – overbalance	IEC/ EN 60601-2-27: 2006	Qualitative
37	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Instability from unwanted lateral movement	IEC/ EN 60601-2-27: 2006	Qualitative
38	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-27: 2006	1 V AC to 300 V AC
39	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-27: 2006	0.1 µA to 10 mA
40	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Mechanical strength and resistance to heat	IEC/ EN 60601-2-27: 2006	Qualitative
41	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Mould stress relief test	IEC/ EN 60601-2-27: 2006	Qualitative
42	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Power Input	IEC/EN 60601-2-27: 2006	1 V AC to 300 V AC



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43	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Protection against excessive temperatures and other hazards	IEC/ EN 60601-2-27: 2006	20 Deg C to 400 Deg C
44	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-27: 2006	10 A to 25 A
45	ELECTRONICS-SAFETY TESTING FACILITY	Electrocardiographic monitoring equipment	Push test	IEC/ EN 60601-2-27: 2006	Qualitative
46	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Applied Parts And Accessible Parts	IEC/EN 60601-2-2: 2009	Qualitative
47	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Creepage distances and air clearances	IEC/EN 60601-2-2: 2009	0.1 mm to 150 mm
48	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Drop test	IEC/EN 60601-2-2: 2009	Qualitative
49	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Impact test	IEC/EN 60601-2-2: 2009	Qualitative
50	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Instability – overbalance	IEC/EN 60601-2-2: 2009	Qualitative



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51	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Instability from unwanted lateral movement	IEC/EN 60601-2-2: 2009	Qualitative
52	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Intended to be connected to a power source by a plug	IEC/EN 60601-2-2: 2009	1 V AC to 300 V AC
53	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Mechanical strength and resistance to heat	IEC/EN 60601-2-2: 2009	Qualitative
54	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Mould stress relief test	IEC/EN 60601-2-2: 2009	Qualitative
55	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Power Input	IEC/EN 60601-2-2: 2009	1 V AC to 300 V AC
56	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-2-2: 2009	10 A to 25 A
57	ELECTRONICS-SAFETY TESTING FACILITY	High frequency surgical equipment and high frequency surgical accessories	Push test	IEC/EN 60601-2-2: 2009	Qualitative
58	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Applied parts and accessible parts	IEC/EN 60601-2-19: 2009	Qualitative



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59	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Creepage distances and air clearances	IEC/EN 60601-2-19: 2009	0.1 mm to 150 mm
60	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Dielectric strength	IEC/EN 60601-2-19: 2009	Qualitative(0.5 kV to 5 kV)
61	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Drop test	IEC/EN 60601-2-19: 2009	Qualitative
62	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Impact test	IEC/EN 60601-2-19: 2009	Qualitative
63	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Instability – overbalance	IEC/EN 60601-2-19: 2009	Qualitative
64	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Instability from unwanted lateral movement	IEC/EN 60601-2-19: 2009	Qualitative
65	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Intended to be connected to a power source by a plug	IEC/EN 60601-2-19: 2009	1 V AC to 300 V AC
66	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Leakage currents and patient auxiliary currents	IEC/EN 60601-2-19: 2009	0.1 µA to 10 mA
67	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Mechanical strength and resistance to heat	IEC/EN 60601-2-19: 2009	Qualitative
68	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Mould stress relief test	IEC/EN 60601-2-19: 2009	Qualitative



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69	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Power Input	IEC/EN 60601-2-19: 2009	1 V AC to 300 V AC
70	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-2-19: 2009	10 A to 25 A
71	ELECTRONICS-SAFETY TESTING FACILITY	Infant Incubators	Push test	IEC/EN 60601-2-19: 2009	Qualitative
72	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Impact test	IEC/ EN 60601-2-50: 2009	Qualitative
73	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Instability – overbalance	IEC/ EN 60601-2-50: 2009	Qualitative
74	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Instability from unwanted lateral movement	IEC/ EN 60601-2-50: 2009	Qualitative
75	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-50: 2009	1 V AC to 300 V AC
76	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-50: 2009	0.1 μ A to 10 mA
77	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Mechanical strength and resistance to heat	IEC/ EN 60601-2-50: 2009	Qualitative
78	ELECTRONICS-SAFETY TESTING FACILITY	Infant phototherapy equipment	Mould stress relief test	IEC/ EN 60601-2-50: 2009	Qualitative



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89	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Intended to be connected to a power source by a plug	IEC/EN 60601-2-21: 2009	1 V AC to 300 V AC
90	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Leakage currents and patient auxiliary currents	IEC/EN 60601-2-21: 2009	0.1 μ A to 10 mA
91	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Mechanical strength and resistance to heat	IEC/EN 60601-2-21: 2009	Qualitative
92	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Mould stress relief test	IEC/EN 60601-2-21: 2009	Qualitative
93	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Power Input	IEC/EN 60601-2-21: 2009	1 V AC to 300 V AC
94	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-2-21: 2009	10 A to 25 A
95	ELECTRONICS-SAFETY TESTING FACILITY	Infant radiant warmers	Push test	IEC/EN 60601-2-21: 2009	Qualitative
96	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Applied parts and accessible parts	IEC/EN 60601-2-20: 2009	Qualitative
97	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Creepage distances and air clearances	IEC/EN 60601-2-20: 2009	0.1 mm to 150 mm
98	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Dielectric strength	IEC/EN 60601-2-20: 2009	Qualitative(0.5 kV to 5 kV)



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99	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Drop test	IEC/EN 60601-2-20: 2009	Qualitative
100	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Impact test	IEC/EN 60601-2-20: 2009	Qualitative
101	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Intended to be connected to a power source by a plug	IEC/EN 60601-2-20: 2009	1 1 V AC to 300 V AC
102	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Leakage currents and patient auxiliary currents	IEC/EN 60601-2-20: 2009	0.1 μ A to 10 mA
103	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Mechanical strength and resistance to heat	IEC/EN 60601-2-20: 2009	Qualitative
104	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Mould stress relief test	IEC/EN 60601-2-20: 2009	Qualitative
105	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Power Input	IEC/EN 60601-2-20: 2009	1 V AC to 300 V AC
106	ELECTRONICS-SAFETY TESTING FACILITY	Infant transport incubators	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-2-20: 2009	10 A to 25 A
107	ELECTRONICS-SAFETY TESTING FACILITY	Invasive blood pressure monitoring equipment	Applied parts and accessible parts	IEC/ EN 60601-2-34: 2000	Qualitative
108	ELECTRONICS-SAFETY TESTING FACILITY	Invasive blood pressure monitoring equipment	Creepage distances and air clearances	IEC/ EN 60601-2-34: 2000	0.1 mm to 150 mm



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118	ELECTRONICS-SAFETY TESTING FACILITY	Invasive blood pressure monitoring equipment	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-34: 2000	10 A to 25 A
119	ELECTRONICS-SAFETY TESTING FACILITY	Invasive blood pressure monitoring equipment	Push test	IEC/ EN 60601-2-34: 2000	Qualitative
120	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Applied parts and accessible parts	IEC/ EN 60601-2-45: 2001	Qualitative
121	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Creepage distances and air clearances	IEC/ EN 60601-2-45: 2001	0.1 mm to 150 mm
122	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Drop test	IEC/ EN 60601-2-45: 2001	Qualitative
123	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Impact test	IEC/ EN 60601-2-45: 2001	Qualitative
124	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Instability – overbalance	IEC/ EN 60601-2-45: 2001	Qualitative
125	ELECTRONICS-SAFETY TESTING FACILITY	Mammographic X-ray equipment and mammographic stereotactic devices	Instability from unwanted lateral movement	IEC/ EN 60601-2-45: 2001	Qualitative



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134	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Dielectric strength	IEC/ EN 60601-2-52: 2011	Qualitative(0.5 kV to 5 kV)
135	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-52: 2011	1 V AC to 300 V AC
136	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-52: 2011	0.1 μ A to 10 mA
137	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Mechanical strength and resistance to heat	IEC/ EN 60601-2-52: 2011	Qualitative
138	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Power Input	IEC/ EN 60601-2-52: 2011	1 V AC to 300 V AC
139	ELECTRONICS-SAFETY TESTING FACILITY	Medical beds	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-52: 2011	10 A to 25 A
140	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Accuracy of controls and instruments and protection against hazardous outputs	IEC/EN 60601-1 : 2013	Qualitative
141	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Applied Parts And Accessible Parts	IEC/EN 60601-1 : 2013	Qualitative
142	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Creepage distances and air clearances	IEC/EN 60601-1 : 2013	0.1 mm to 150 mm



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143	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Dielectric strength	IEC/EN 60601-1 : 2013	Qualitative(0.5 kV to 5 kV)
144	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Drop test	IEC/EN 60601-1 : 2013	Qualitative
145	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Humidity Preconditioning Treatment	IEC/EN 60601-1 : 2013	Qualitative
146	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Identification, marking and documents	IEC/EN 60601-1: 2013	Qualitative
147	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Impact test	IEC/EN 60601-1 : 2013	Qualitative
148	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Instability – overbalance	IEC/EN 60601-1 : 2013	Qualitative
149	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Instability from unwanted lateral movement	IEC/EN 60601-1 : 2013	Qualitative
150	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Intended to be connected to a power source by a plug	IEC/EN 60601-1 : 2013	1 V AC to 300 V AC
151	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Leakage currents and patient auxiliary currents	IEC/EN 60601-1 : 2013	0.1 μ A to 10.00 mA
152	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Mechanical strength and resistance to heat	IEC/EN 60601-1 : 2013	Qualitative



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153	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Mould stress relief test	IEC/EN 60601-1 : 2013	Qualitative
154	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Power Input	IEC/EN 60601-1: 2013	01 V AC to 300 V AC
155	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Protection against excessive temperatures and other hazards	IEC/EN 60601-1 : 2013	20 Deg C to 400 Deg C
156	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Protective earthing, functional earthing and potential equalization	IEC/EN 60601-1 : 2013	10 A to 25 A
157	ELECTRONICS-SAFETY TESTING FACILITY	Medical electrical equipment	Push test	IEC/EN 60601-1 : 2013	Qualitative
158	ELECTRONICS-SAFETY TESTING FACILITY	Operating tables	Applied parts and accessible parts	IEC/ EN 60601-2-46: 1998	Qualitative
159	ELECTRONICS-SAFETY TESTING FACILITY	Operating tables	Creepage distances and air clearances	IEC/ EN 60601-2-46: 1998	0.1 mm to 150 mm
160	ELECTRONICS-SAFETY TESTING FACILITY	Operating tables	Dielectric strength	IEC/ EN 60601-2-46: 1998	Qualitative(0.5 kV to 5 kV)
161	ELECTRONICS-SAFETY TESTING FACILITY	Operating tables	Drop test	IEC/ EN 60601-2-46: 1998	Qualitative



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171	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Creepage distances and air clearances	IEC/ EN 60601-2-39: 2008	0.1 mm to 150 mm
172	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Dielectric strength	IEC/ EN 60601-2-39: 2008	Qualitative(0.5 kV to 5 kV)
173	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Drop test	IEC/ EN 60601-2-39: 2008	Qualitative
174	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Impact test	IEC/ EN 60601-2-39: 2008	Qualitative
175	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Instability – overbalance	IEC/ EN 60601-2-39: 2008	Qualitative
176	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Instability from unwanted lateral movement	IEC/ EN 60601-2-39: 2008	Qualitative
177	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-39: 2008	1 V AC to 300 V AC
178	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Mechanical strength and resistance to heat	IEC/ EN 60601-2-39: 2008	Qualitative
179	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Mould stress relief test	IEC/ EN 60601-2-39: 2008	Qualitative
180	ELECTRONICS-SAFETY TESTING FACILITY	Peritoneal dialysis equipment	Power Input	IEC/ EN 60601-2-39: 2008	1 V AC to 300 V AC



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
190	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Instability from unwanted lateral movement	IEC/ EN 60601-2-29: 2008	Qualitative
191	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-29: 2008	1 V AC to 300 V AC
192	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Mechanical strength and resistance to heat	IEC/ EN 60601-2-29: 2008	Qualitative
193	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Mould stress relief test	IEC/ EN 60601-2-29: 2008	Qualitative
194	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Power Input	IEC/ EN 60601-2-29: 2008	1 V AC to 300 V AC
195	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Protection against excessive temperatures and other hazards	IEC/ EN 60601-2-29: 2008	20 Deg C to 400 Deg C
196	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-29: 2008	10 A to 25 A
197	ELECTRONICS-SAFETY TESTING FACILITY	Radiotherapy simulators	Push test	IEC/ EN 60601-2-29: 2008	Qualitative
198	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Applied parts and accessible parts	IEC/ EN 60601-2-41: 2009	Qualitative



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
199	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Creepage distances and air clearances	IEC/ EN 60601-2-41: 2009	0.1 mm to 150 mm
200	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Dielectric strength	IEC/ EN 60601-2-41: 2009	Qualitative(0.5 kV to 5 kV)
201	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-41: 2009	1 V AC to 300 V AC
202	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-41: 2009	0.1 µA to 10 mA
203	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Mechanical strength and resistance to heat	IEC/ EN 60601-2-41: 2009	Qualitative
204	ELECTRONICS-SAFETY TESTING FACILITY	Surgical luminaires and luminaires for diagnosis	Power Input	IEC/ EN 60601-2-41: 2009	1 V AC to 300 V AC
205	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Applied parts and accessible parts	IEC/EN 60601-2-22: 2013	Qualitative
206	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Creepage distances and air clearances	IEC/EN 60601-2-22: 2013	0.1 mm to 150 mm
207	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Dielectric strength	IEC/EN 60601-2-22: 2013	Qualitative(0.5 kV to 5 kV)



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208	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Drop test	IEC/EN 60601-2-22: 2013	Qualitative
209	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Impact test	IEC/EN 60601-2-22: 2013	Qualitative
210	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Instability – overbalance	IEC/EN 60601-2-22: 2013	Qualitative
211	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Instability from unwanted lateral movement	IEC/EN 60601-2-22: 2013	Qualitative
212	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Intended to be connected to a power source by a plug	IEC/EN 60601-2-22: 2013	1 V AC to 300 V AC
213	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Mechanical strength and resistance to heat	IEC/EN 60601-2-22: 2013	Qualitative
214	ELECTRONICS-SAFETY TESTING FACILITY	Surgical, Cosmetic, Therapeutic and Diagnostic laser equipment	Mould stress relief test	IEC/EN 60601-2-22: 2013	Qualitative



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
224	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Instability from unwanted lateral movement	IEC/ EN 60601-2-37: 2008	Qualitative
225	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-37: 2008	1 V AC to 300 V AC
226	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Mechanical strength and resistance to heat	IEC/ EN 60601-2-37: 2008	Qualitative
227	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Mould stress relief test	IEC/ EN 60601-2-37: 2008	Qualitative
228	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Power Input	IEC/ EN 60601-2-37: 2008	1 V AC to 300 V AC
229	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-37: 2008	10 A to 25 A
230	ELECTRONICS-SAFETY TESTING FACILITY	Ultrasonic medical diagnostic and monitoring equipment	Push test	IEC/ EN 60601-2-37: 2008	Qualitative
231	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Applied parts and accessible parts	IEC/ EN 60601-2-43: 2010	Qualitative
232	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Creepage distances and air clearances	IEC/ EN 60601-2-43: 2010	0.1 mm to 150 mm
233	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Dielectric strength	IEC/ EN 60601-2-43: 2010	Qualitative(0.5 kV to 5 kV)



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
234	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Drop test	IEC/ EN 60601-2-43: 2010	Qualitative
235	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Impact test	IEC/ EN 60601-2-43: 2010	Qualitative
236	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Instability – overbalance	IEC/ EN 60601-2-43: 2010	Qualitative
237	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Instability from unwanted lateral movement	IEC/ EN 60601-2-43: 2010	Qualitative
238	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-43: 2010	1 V AC to 300 V AC
239	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-43: 2010	0.1 μ A to 10 mA
240	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Mechanical strength and resistance to heat	IEC/ EN 60601-2-43: 2010	Qualitative
241	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Mould stress relief test	IEC/ EN 60601-2-43: 2010	Qualitative
242	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Power Input	IEC/ EN 60601-2-43: 2010	1 V AC to 300 V AC
243	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-43: 2010	10 A to 25 A



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244	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for interventional procedures	Push test	IEC/ EN 60601-2-43: 2010	Qualitative
245	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Applied parts and accessible parts	IEC/ EN 60601-2-54: 2009	Qualitative
246	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Creepage distances and air clearances	IEC/ EN 60601-2-54: 2009	0.1 mm to 150 mm
247	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Dielectric strength	IEC/ EN 60601-2-54: 2009	Qualitative(0.5 kV to 5 kV)
248	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Drop test	IEC/ EN 60601-2-54: 2009	Qualitative
249	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Impact test	IEC/ EN 60601-2-54: 2009	Qualitative
250	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Instability – overbalance	IEC/ EN 60601-2-54: 2009	Qualitative
251	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Instability from unwanted lateral movement	IEC/ EN 60601-2-54: 2009	Qualitative
252	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Intended to be connected to a power source by a plug	IEC/ EN 60601-2-54: 2009	1 V AC to 300 V AC
253	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Leakage currents and patient auxiliary currents	IEC/ EN 60601-2-54: 2009	0.1 μA to 10 mA



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254	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Mechanical strength and resistance to heat	IEC/ EN 60601-2-54: 2009	Qualitative
255	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Mould stress relief test	IEC/ EN 60601-2-54: 2009	Qualitative
256	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Power Input	IEC/ EN 60601-2-54: 2009	1 V AC to 300 V AC
257	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Protection against excessive temperatures and other hazards	IEC/ EN 60601-2-54: 2009	20 Deg C to 400 Deg C
258	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Protective earthing, functional earthing and potential equalization	IEC/ EN 60601-2-54: 2009	10 A to 25 A
259	ELECTRONICS-SAFETY TESTING FACILITY	X-ray equipment for radiography and radioscopy	Push test	IEC/ EN 60601-2-54: 2009	Qualitative