National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EMC EMI TESTING LAB, HLL LIFE CARE LIMITED, B-14A, SECTOR 62, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11078 **Page No** 1 of 2

Validity 21/10/2022 to 20/10/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRONICS- EMC TEST FACILITY	Medical Eqipment and Electronic Equipment	Radiated Emission Test	BS EN 55011
2	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted Emission Test	BS EN 55011, CISPR 16-2-1 (Clause 7)
3	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted Emission Test	CIPSR 11
4	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted Emission Test	IEC 60601-1-2, CISPR 16-2-1 (Clause 7)
5	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted RF Susceptibility Test	BS EN 61000-4-6
6	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted RF Susceptibility Test	IEC 60601-1-2, IEC 61000-4-6 (Clause 8)
7	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Conducted RF Susceptibility Test	IEC 61000-4-6
8	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrical Fast Transient (EFT)/ Burst Immunity Test	BS EN 61000-4-4
9	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrical Fast Transient (EFT)/ Burst Immunity Test	IEC 60601-1-2, IEC 61000-4-4 (Clause 8)
10	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrical Fast Transient (EFT)/ Burst Immunity Test	IEC 61000-4-4
11	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrostatic Discharge Immunity Test	BS EN 61000-4-2, IEC 61000-4-2 (Clause 8)
12	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrostatic Discharge Immunity Test	IEC 60601-1-2, IEC 61000-4-2 (Clause 8)
13	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Electrostatic Discharge Immunity Test	IEC 61000-4-2
14	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Harmonic Current Emission Test	BS EN IEC 61000-3-2 (Clause 6)
15	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Harmonic Current Emission Test	IEC 60601-1-2, IEC 61000-3-2 (Clause 6)
16	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Harmonic Current Emission Test	IEC 61000-3-2 (Clause 6)
17	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	High Energy/ Surge Immunity Test	BS EN 61000-4-5, IEC 61000-4-5 (Clause 8)
18	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	High Energy/ Surge Immunity Test	IEC 61000-4-5

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19	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	High Energy/Surge Immunity Test	IEC 60601-1-2, IEC 61000-4-5 (Clause 8)
20	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Power Frequency Magnetic Field Immunity Test	BS EN 61000-4-8
21	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Power Frequency Magnetic Field Immunity Test- Continuous Field Strength	IEC 60601-1-2, IEC 61000-4-8 (Clause 8)
22	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Power Frequency Magnetic Field Immunity Test- Continuous Field Strength	IEC 61000-4-8 (Clause 8)
23	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Radiated Emission Test	CISPR 11
24	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Radiated Emission Test	IEC 60601-1-2, CISPR 16-2-3 (Clause 7.3)
25	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	RF Radiated Susceptibility Test	BS EN IEC 61000-4-3, CISPR 16-2-3 (Clause 7.3)
26	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	RF Radiated Susceptibility Test	IEC 60601-1-2, IEC 61000-4-3 (Clause 8)
27	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	RF Radiated Susceptibility Test	IEC 61000-4-3
28	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Dips, Short Interruptions and Voltage Variations Immunity Test	BS EN IEC 61000-4-11
29	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Dips, Short Interruptions and Voltage Variations Immunity Test	IEC 60601-1-2, IEC 6100-4-11 (Clause 8)
30	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Dips, Short Interruptions and Voltage Variations Immunity Test	IEC 61000-4-11
31	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Fluctuation and Flicker Test	BS EN 61000-3-3, IEC 61000-3-3 (Clause 4)
32	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Fluctuation and Flicker Test	IEC 60601-1-2, IEC 61000-3-3 (Clause 4)
33	ELECTRONICS- EMC TEST FACILITY	Medical Equipment and Electronic Equipment	Voltage Fluctuation and Flicker Test	IEC 61000-3-3 (Clause 4)