National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	1 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BSEN 55011:2016+A1
2	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	ANSI C63.4
3	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 61326-1
4	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 50270
5	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 55015
6	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 60669-2-1
7	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 61000-6-3:2001+A1
8	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 61000-6-4
9	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	BS EN 61131-2
10	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	CISPR 32:2015+Amd1

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 2 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
11	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	ETSI EN 301 489-1
12	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	FCC Part 15 Subpart B and C
13	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	ICES -003
14	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 61326-1
15	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 61000-6-1
16	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 50270
17	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 60669-2-1
18	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 61000-4-6
19	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 61000-6-2
20	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	BS EN 61131-2
21	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	EN 12405

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	3 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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
22	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted RF Susceptibility - CDN & EM Clamp	ETSI EN 301 489-1
23	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 61326-1
24	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 50270
25	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 60669-2-1
26	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 61000-4-4
27	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 61000-6-2
28	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	BS EN 61131-2
29	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	EN 12405
30	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrical Fast Transients (Burst)	ETSI EN 301 489-1
31	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BE EN 61000-6-1
32	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 61326-1

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 4 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
33	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 50270
34	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 60669-2-1
35	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 61000-4-2
36	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 61000-6-2
37	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	BS EN 61131-2
38	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Electrostatic Discharge Contact Discharge Air Discharge	ETSI EN 301 489-1
39	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 61000-6-1
40	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 61326-1
41	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 50270
42	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 60669-2-1
43	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 61000-4-5:2014+A1

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 5 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
44	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 61000-6-2
45	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	BS EN 61131-2
46	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	EN 12405
47	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	High Energy Surge	ETSI EN 301 489-1
48	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 61326-1
49	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 50270
50	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 60669-2-1
51	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 61000-4-8
52	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 61000-6-1
53	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 61000-6-2
54	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	BS EN 61131-2

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	6 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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
55	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	EN 12405
56	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Magnetic Field Susceptibility - Continuous & Short Duration	ETSI EN 301 489-1
57	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	ANSI C 63.10
58	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	ANSI C 63.4
59	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 61326-1
60	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 50270
61	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 60669-2-1
62	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 61000-6-3:2001+A1
63	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 61000-6-4
64	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	ETSI EN 301 489-1
65	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	FCC (Part 15) Sub (Part B &C)

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	7 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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
66	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	ICES -003
67	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 55011:2016+A1
68	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 55015
69	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	CISPR 32:2015+AMD1
70	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 61326-1
71	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 50270
72	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 60669-2-1
73	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 61000-6-1
74	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 61000-6-2
75	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 61131-2
76	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	EN 12405

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 8 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
77	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	ETSI EN 301 489-1
78	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Susceptibility	BS EN 61000-4-3:2006+A2
79	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 61000-6-1
80	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 61326-1
81	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 50270
82	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 60669-2-1
83	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 61000-4-11
84	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 61000-6-2
85	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	BS EN 61131-2
86	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	EN 12405
87	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Voltage Dips & Interruptions Dips Interruption Duration	ETSI EN 301 489-1

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	9 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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
88	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Product	Electrical Fast Transients (Burst)	BSEN 61000-6-1
89	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Conducted Emission	ANSI C63.10
90	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Mains Supply Voltage Dips And Interruptions - Dips Duration	IEC 61000-4-11
91	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 61000-6-3:2001+A1
92	ELECTRONICS- EMC TEST FACILITY	Electrical and Electronic Products, Process Control Devices, Lighting Control Products, Sensing and Control Devices, Electromechanical Products, RF and Wireless Devices, Networking Products	Radiated Emission	BS EN 61131-2
93	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Conducted Disturbances	BS EN 50130-4:2011+A1
94	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Electrical Fast Transient Burst	BS EN 50130-4:2011+A1
95	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Mains Supply Voltage Dips And Interruptions - Dips Duration	BS EN 50130-4:2011+A1
96	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Electrostatic Discharge - Contact discharge - Air discharge	BS EN 50130-4:2011+A1
97	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Mains Supply Voltage Variations	BS EN 50130-4:2011+A1
98	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Radiated Electromagnetic Fields	BS EN 50130-4:2011+A1
99	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Radiated Electromagnetic Fields	BS EN 50130-4:2011+A1
100	ELECTRONICS- EMC TEST FACILITY	Fire Detection and Fire Alarm Systems EN 54	Slow High Energy Surg	BS EN 50130-4:2011+A1
101	ELECTRONICS- EMC TEST FACILITY	Fire System	Throughput rate	UL 864 : 10th
102	ELECTRONICS- EMC TEST FACILITY	Fire Systems	Error (Falsing) Rate	UL 864 : 10th

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 10 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
103	ELECTRONICS- EMC TEST FACILITY	Fire Systems	Interference Immunity	UL 864 : 10th
104	ELECTRONICS- EMC TEST FACILITY	Fire Systems	Reference Level Determination	UL 864 :10th
105	ELECTRONICS- EMC TEST FACILITY	Fire Systems	Transmitter Accelerated Aging	UL 864 : 10th
106	ELECTRONICS- EMC TEST FACILITY	Fire Systems	Transmitter Stability	UL 864 : 10th
107	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	20 dB Bandwidth Test	FCC Part 15.247
108	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	20 dB Bandwidth Test	IC RSS 210
109	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Band Edge Compliance	FCC Part 15.247
110	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Band Edge Compliance	IC RSS 210
111	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Band Edge Conducted Spurious Emissions	FCC Part 15.247 & 209
112	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Band Edge Conducted Spurious Emissions	IC RSS 210
113	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Carrier Frequency Separation	FCC Part 15.247
114	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Carrier Frequency Separation	IC RSS 210

SCOPE OF ACCREDITATION

Laboratory Name : HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6025 **Page No** 11 of 13

Validity 19/05/2021 to 18/05/2023 **Last Amended on** 02/08/2021

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
115	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	DTS 6 dB Bandwidth	IC RSS 210
116	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Maximum Peak Output Power	FCC Part 15.247
117	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Maximum Peak Output Power	IC RSS 210
118	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Maximum Power Spectral Density	FCC Part 15.247 & 209
119	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Maximum Power Spectral Density	IC RSS 210
120	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Number Of Hopping Frequencies	FCC Part 15.247
121	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Number Of Hopping Frequencies	IC RSS 210
122	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Radiated Spurious Emissions	FCC Part 15.247 & 209
123	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Radiated Spurious Emissions	IC RSS 210
124	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Spurious Radiated Emissions	ETSI 300 440-1
125	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Spurious Radiated Emissions	ETSI EN 300 328

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6025
Page No	12 of 13
Validity	19/05/2021 to 18/05/2023
Last Amended on	02/08/2021

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
126	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Spurious RF Conducted Emissions	FCC Part 15.247
127	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Spurious RF Conducted Emissions	IC RSS 210
128	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Time Of Occupancy (Dwell Time)	FCC Part 15.247
129	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Time Of Occupancy (Dwell Time)	IC RSS 210
130	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	DTS 6 dB Bandwidth	FCC Part 15.247 & 209
131	ELECTRONICS- EMC TEST FACILITY	Low-Power License Radio Communication Devices Short Range Devices (FHSS) Data Transmission system in 2.4GHz (ISM band using Wideband modulation FHSS & DTS) Short Range Devices (DTS)	Maximum Peak Output Power	FCC Part 15.247 & 209
132	ELECTRONICS- EMC TEST FACILITY	Others	RF Radiated Susceptibility Test	IEC 61000-4-3
133	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Adjacent Channel Power	ETSI 300 220-1
134	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Duty cycle	ETSI 300 220-1
135	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Effective Radiated Power	ETSI 300 220-1
136	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Frequency Error	ETSI 300 220-1
137	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Max Effective Radiated PSD	ETSI 300 220-1
138	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Occupied Bandwidth	ETSI 300 220-1
139	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Transient Power	ETSI 300 220-1

SCOPE OF ACCREDITATION

Laboratory Name :	HONEYWELL TECHNOLOGY SOLUTIONS - EMC, ENV/SAFETY LAB, 19/2, DEVARABISANAHALLI VILLAGE, VARTUR HOBLI, BANGALORE EAST TALUK, BENGALURU, KARNATAKA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6025	**Page No**	13 of 13
Validity	19/05/2021 to 18/05/2023	**Last Amended on**	02/08/2021

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
140	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Transmitter Behavior under Low Voltage Condition	ETSI 300 220-1
141	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Tx Out of Band Emissions	ETSI 300 220-1
142	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Unwanted Emission in Spurious Domain	ETSI 300 220-1
143	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	1.Receiver Sensitivity, 2.Adjacent Channel Selectivity, 3.Blocking, 4.Receiver Sensitivity Level, 5.Rx Saturation at Adjacent Channel, 6.Spurious Response rejection, 7.Behavior at high wanted signal, 8.Bi-Directional Operational verification,	ETSI 300 220-1
144	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Unwanted Emission in spurious domain	ETSI 300 220-1
145	ELECTRONICS- EMC TEST FACILITY	Short Range Devices (SRD); Radio Equipment operating in 25 MHz to 1000 MHz (Power Levels Up to 500 MW)	Unwanted Emission in spurious domain	ETSI 300 330