National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PRODUCT TESTING LABORATORY, LG ELECTRONICS INDIA PVT. LTD., A-5, MIDC RANJANGAON, SHIRUR, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5450 **Page No** 1 of 3

Validity 19/11/2021 to 18/11/2023 **Last Amended on** 14/10/2022

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	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool & Frost Free	Determination of Energy Consumption	Cl. No. 6, IS 17550 (Part 3)
2	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool & Frost Free	Determination of Volume	Annex- H, (Cl. No. 4.8) IS 17550 (Part 3)
3	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool & Frost Free	Pull-Down Test	Annex A (Cl. No. 4.6 & 4.7), IS 17550 (Part-2)
4	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Energy Consumption	IS 15750 Cl. No. 14. Amendment A1 & A2
5	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Measurement of Volume	IS 1476 (Part 1) Cl. No. 8 Amendment A1, A2 & A3
6	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Measurement of Volume	IS 15750 Cl. No. 6 Amendment A1 & A2
7	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Pull Down	IS 1476 (Part 1) Cl. No. 14.5.3.1 Amendment A1, A2 & A3
8	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Pull Down	IS 15750 Cl. No. 16 Amendment A1 & A2
9	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Refrigerator Appliances	Rated Energy Consumption	IS 1476 (Part 1) Cl. No. 14.9 Amendment A1, A2 & A3
10	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Washing Machine	Determination of energy consumption	IEC 60456: 2010,ed. 5.0, (Cl. 8.6, Cl. 9.5, Annex L) BEE Schedule 12
11	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Washing Machine	Determination of rinse performance	IEC 60456: 2010,ed. 5.0, (Cl. 8.5, Cl. 9.4, Annex J) BEE Schedule 12
12	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Washing Machine	Determination of wash performance	IEC 60456: 2010,ed. 5.0, (Cl. 8.3, Cl. 9.2) BEE Schedule 12
13	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Washing Machine	Determination of water consumption	IEC 60456: 2010,ed. 5.0, (Cl. 8.6, Cl. 9.5) BEE Schedule 12
14	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Household Electrical Appliances – Washing Machine	Determination of water extraction performance (Residual water content)	IEC 60456: 2010,ed. 5.0, (Cl. 8.4, Cl. 9.3) BEE Schedule 12
15	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Peak Luminance Ratio and Power Factor	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.5)
16	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, On Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause 6.4)

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17	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, On Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.4)
18	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, Partial On Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.6))
19	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, Off Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.7)
20	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, Off Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.7))
21	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television (LED)	Determination of Power Consumption, Partial On Mode	IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.6)
22	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Off Mode	IEC 62301 Ed.2.0 2011-01, IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.7)
23	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Off Mode	IEC 62301 Ed.2.0 2011-01, IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.7)
24	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Partial On Mode	IEC 62301 Ed.2.0 2011-01, IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.6)
25	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Partial On Mode	IEC 62301 Ed.2.0 2011-01, IEC 62087-1:2015, IEC 62087-2:2015, IEC 62087-3:2015 (Clause No. 6.6)
26	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Standby Mode	IEC 62301 Ed.2.0 2011-01 (Clause No. 5.3.1)
27	ELECTRONICS- DOMESTIC ELECTRONIC APPLIANCES & ACCESSORIES	Television sets	Determination of Power Consumption, Standby Mode	IEC 62301 Ed.2.0, 2011-01 (Clause No. 5.3.1)
28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Capacity Rating Test	IS 8148 Cl. No. 8.1

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29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Power Consumption Test	IS 8148 Cl. No. 8.8
30	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Multiple Split-System Air Conditioners and Air-to-Air Heat Pumps	Cooling Capacity	ISO 15042
31	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Multiple Split-System Air Conditioners and Air-to-Air Heat Pumps	Power Input During Cooling Capacity Calculations	ISO 15042
32	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners — Split Air Conditioners	Cooling Capacity Test	IS 1391 (Part 2) Cl. No. 9.9
33	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners — Split Air Conditioners	Maximum operating Conditions Test	IS 1391 (Part 2) Cl. No. 9.4
34	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners — Split Air Conditioners	Power Consumption Test for Cooling	IS 1391 (Part 2) Cl. No. 9.7
35	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners — Unitary Air Conditioners	Cooling Capacity Test	IS 1391 (Part 1) Cl. No. 10.10
36	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners — Unitary Air Conditioners	Power Consumption Test for Cooling	IS 1391 (Part 1) Cl. No. 10.8
37	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment	Cooling Capacity Test	AHRI 1230