National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	AIR CONDITIONER & REFRIGERATOR TESTING LAB, LG ELECTRONICS INDIA PVT. LTD., PLOT NO. 51, UDYOG VIHAR, SURAJPUR KASNA ROAD, GREATER NOIDA, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-5560
Page No	1 of 1
Validity	16/12/2022 to 15/12/2024
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	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Cooling Capacity (Psychometric)	IS 1391 (Part 1) (Cl. 10.10)
2	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Cooling Capacity (Psychometric)	IS 1391 (Part 2) (Cl. 9.9)
3	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	High Voltage Test (Psychometric)	IS 1391 (Part 1) (Cl. 16.3.4)
4	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	High Voltage Test (Psychometric)	IS 1391 (Part 2) (Cl. 15.3.4)
5	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Leakage Current Test (Psychometric)	IS 1391 (Part 1) (Cl. 16.3.6)
6	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Leakage Current Test (Psychometric)	IS 1391 (Part 2) (Cl. 15.3.6)
7	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Maximum Operating Conditions Test (Psychometric)	IS 1391 (Part 1) (Cl. 10.4)
8	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Maximum Operating Conditions Test (Psychometric)	IS 1391 (Part 2) (Cl.9.4)
9	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Power Consumption (Psychometric)	IS 1391 (Part 1) (Cl. 10.8)
10	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioner	Power Consumption (Psychometric)	IS 1391 (Part 2) (Cl. 9.7)
11	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Refrigerator (Direct Cool Refrigerator / Frost Free Refrigerator)	Volume Test	IS17550 (Part 3) : Clause 4.8 Annex H
12	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Refrigerator (Direct Cool Refrigerator/ Frost Free Refrigerator)	Energy consumption Test	IS17550 (Part 3) : Clause 5, Clause 6 Annex A, Annex B, Annex C, Annex D, Annex E
13	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Refrigerator (Direct Cool Refrigerator/ Frost Free Refrigerator)	Pull Down test	IS17550 (Part 2) :Annex A
14	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Twin Tub/ Top Load	Energy Consumption	IEC 60456 (Cl. 8.6)/ IEC 60456 (Cl. 9.5)/ Annex L
15	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Twin Tub/ Top Load	Rinse Performance (Ratio)	IEC 60456 (Cl. 8.5)/ IEC 60456 (Cl. 9.4)/ Annex J
16	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Twin Tub/ Top Load	Washing Performance	IEC 60456 (Cl. 8.3)/ IEC 60456 (Cl. 9.2)
17	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Twin Tub/ Top Load	Water Consumption	IEC 60456 (Cl. 8.6)/ IEC 60456 (Cl. 9.5)
18	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Twin Tub/ Top Load	Water Extraction Performance	IEC 60456 (Cl. 8.4)/ IEC 60456 (Cl. 9.3)