National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AIRCON LAB,WHIRLPOOL OF INDIA LTD, PLOT NO.- 28,NIT INDUSTRIAL AREA, FARIDABAD, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6867 **Page No** 1 of 2

Validity 07/02/2022 to 06/02/2024 **Last Amended on** 13/03/2022

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	Air Conditioners (Inverter & Non Inverter Split AC)	Cooling Capacity Test	IS 1391 (Part 2), Clause 9.9 (Amend 1, Amend 2, Amend 3 Amend 4)
2	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Inverter & Non Inverter Split AC)	Enclosure Sweat Test	IS 1391 (Part 2), Clause 9.6 (Amend 1, Amend 2, Amend 3 Amend 4)
3	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Inverter & Non Inverter Split AC)	Freeze Up Test	IS 1391 (Part 2), Clause 9.5 (Amend 1, Amend 2, Amend 3 Amend 4)
4	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Inverter & Non Inverter Split AC)	Power Consumption Test for Cooling	IS 1391 (Part 2), Clause 9.7 (Amend 1, Amend 2, Amend 3 Amend 4)
5	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Inverter & Non Inverter Split AC))	Maximum Operating Conditions Test	IS 1391 (Part 2), Clause 9.4 (Amend 1, Amend 2, Amend 3 Amend 4)
6	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Condensate Disposal Test	IS 1391 (Part 1),Clause 10.7, (Amend 1, Amend 2, Amend, 3 Amend 4)
7	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Cooling Capacity Test	IS 1391 (Part 1),Clause 10.10, (Amend 1, Amend 2, Amend, 3 Amend 4)
8	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Enclosure Sweat Test	IS 1391 (Part 1),Clause 10.6, (Amend 1, Amend 2, Amend, 3 Amend 4)
9	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Freeze Up Test	IS 1391 (Part 1),Clause 10.5, (Amend 1, Amend 2, Amend, 3 Amend 4)
10	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Maximum Operating Conditions Test	IS 1391 (Part 1),Clause 10.4, (Amend 1, Amend 2, Amend, 3 Amend 4)
11	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC)	Power Consumption Test for Cooling	IS 1391 (Part 1),Clause 10.8, (Amend 1, Amend 2, Amend, 3 Amend 4)
12	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC,Inverter & Non Inverter Split AC)	Cooling Capacity Test	ISO 5151(E), Clause 5.1(Amend -1)
13	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC,Inverter & Non Inverter Split AC)	Cooling Capacity Test	SASO 2681, Clause 4.1
14	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Air Conditioners (Unitary AC,Inverter & Non Inverter Split AC)	Cooling seasonal Load (CSTL) Test	ISO 16358-1(E), Clause 6.7.3

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15	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	COOLING CAPACITY TEST	IS 17550 (Part 2), Clause 7
16	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Storage Test	IS 17550 (Part 2), Clause 6.
17	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Temperature Rise Test	IS 17550 (Part 2)
18	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Volume Measurement Test	IS 17550 (Part 3)
19	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Water Vapour Condensation Test	IS 17550 (Part 2)
20	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator	Energy Consumption Test	IS 1476 Clause 14.9,(Amend -1, Amend-2, Amend-3)
21	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator	Pull Down Test	IS 1476 Clause 14.5,(Amend -1, Amend-2, Amend-3)
22	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator	Volume Measurement Test	IS 1476 Clause 8,(Amend -1, Amend-2, Amend-3)
23	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Energy Consumption Test	As/NZ4474.1 Clause 2.16,(Amend-1 , Amend-2)
24	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Energy Consumption Test	IS 17550 (Part 3)
25	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	FREEZING CAPACITY TEST	IS 17550 (Part 2),Clause 8
26	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Pull Down Test	AS/NZ4474.1 Clause 2.12,(Amend-1 , Amend-2)
27	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	PULL DOWN TEST	IS 17550 (Part 2)
28	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Direct Cool Refrigerator & No Frost Refrigerator	Volume Measurement Test	As/NZ 4474.1 Clause 2.6,(Amend-1 , Amend-2)
29	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	No Frost Refrigerator	Energy Consumption Test	IS 15750 Clause 14 (Amend-1 , Amend-2)
30	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	No Frost Refrigerator	Pull Down Test	IS 15750 Clause 16,(Amend-1 , Amend-2)
31	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	No Frost Refrigerator	Volume Measurement Test	IS 15750 Clause 6,(Amend-1 , Amend-2)