National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PSYCHROMETRIC LABORATORY, AMBER ENTERPRISES INDIA LIMITED, P-14, SECTOR 3, STREET NO.1, MODEL ECONOMIC TOWNSHIP , VILLAGE: DADRI TOE, JHAJJAR, HARYANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9634	**Page No**	1 of 3
Validity	28/06/2021 to 27/06/2023	**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	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Enclosure Sweat test	IS 1391 (Part 2), Cl.9.6
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Cooling capacity Test	IS 1391 (Part 2) Cl.9.9
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Cooling Capacity Test	ISO 5151 :2017(E), Cl.5.1
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Enclosure sweat performance test	ISO 5151, 2017(E), Cl. 5.5
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Freeze-Up Drip Performance Test	ISO 5151,2017(E), Cl. 5.4
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Heat Pump heating Capacity Test	IS 1391 (Part 2) Cl.9.11
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Heat Pump Heating Capacity Test	ISO 5151;2017(E), Cl. 6.1
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Maximum Cooling Performance Test	ISO 5151: 2017(E),Cl. 5.2
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Maximum Operating Conditions Test	IS 1391 (Part 2),Cl.9.4
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Minimum cooling, Freeze-up air blockage and Freeze-up drip performance tests	ISO 5151: 2017(E), Cl. 5.3
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner (Inverter air conditioner)	Power Consumption test for Heating by Heat Pump	IS 1391 (Part 2) Cl.9.8
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioner, Variable capacity air conditioner(Inverter Air conditioner)	Room discharge Air flow measurement	IS 1391 (Part 2) Cl.13.4
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioners, Variable Capacity air conditioners (Inverter air conditioner)	Power Factor Test	IS 1391 Part 2(Cl. 9.3)

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14	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioners, Variable Capacity air conditioners (Inverter air conditioner)	Power Consumption Test for Cooling	IS 1391: Part 2: Cl.9.7
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split air conditioners, Variable Capacity air conditioner (Inverter Air Conditioner)	Freeze-Up Test	IS 1391 (Part 2), Cl.9.5
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Power Consumption Test for Cooling	IS 1391 (Part 1), Cl.10.8
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Max Operating Condition Test	IS 1391 (Part 1):Cl.10.4
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Condensate Control and Enclosure Sweat Performance Test	ISO 5151,2017(E), Cl. 5.5
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window Air Conditioner, Variable capacity window air conditioner (Inverter Air conditioner)	Condensate Disposal Test	IS 1391 (Part 1), Cl.10.7
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Cooling Capacity Test	IS 1391 (Part 1), Cl. 10.10
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Cooling Capacity Test	ISO 5151 :2017(E), Cl.5.1
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Enclosure Sweat test	IS 1391 (Part 1), Cl. 10.6
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Freeze Up Test	IS 1391 (Part 1), Cl.10.5
24	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Freeze-Up Drip Performance Test	ISO 5151,2017(E), Cl. 5.4
25	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Heat Pump Heating Capacity Test	IS 1391 (Part 1), Cl. 10.12
26	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Heat Pump Heating Capacity Test	ISO 5151,2017(E), Cl. 6.1
27	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Maximum Cooling Performance Test	ISO 5151: 2017(E),Cl. 5.2

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28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Minimum cooling, Freeze-up air blockage and Freeze-up drip performance tests	ISO 5151: 2017(E), Cl. 5.3
29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Power Consumption test for Heating by Heat Pump	IS 1391 (Part 1), Cl.10.9
30	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Power Factor Test	IS 1391 (Part 1), Cl. 10.3
31	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Window air conditioner, Variable capacity Window air conditioner (Inverter Air Conditioner)	Room discharge Air flow measurement	IS 1391 (Part 1), Cl. 14.4