National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PSYCHROMETRIC LABORATORY, AMBER ENTERPRISES INDIA LIMITED, UNIT-6, A-1/1A, UPSIDC, INDUSTRIAL AREA, SELAQUI, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10137 **Page No** 1 of 3

Validity 13/12/2021 to 12/12/2023 **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)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Cooling Capacity Test	IS 1391 (Part 2, Clause 9.9)
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Cooling Capacity Test	ISO 5151 (Clause 5.1)
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Enclosure Sweat Performance Test	ISO 5151 (Clause 5.5)
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Enclosure Sweat Test	IS 1391 (Part 2, Clause 9.6)
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Freeze-Up Drip Performance Test	ISO 5151 (Clause 5.4)
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Freeze-Up Test	IS 1391 (Part 2, Clause 9.5)
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Heat Pump Heating Capacity Test	IS 1391 (Part 2, Clause 9.11)
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Heating Capacity Test	ISO 5151 (Clause 6.1)
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Maximum Cooling Performance Test	ISO 5151 (Clause 5.2)
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Maximum Operating Conditions Test	IS 1391 (Part 2, Clause 9.4)
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Minimum Cooling, Freeze-up Air Blockage and Freeze-up Drip Performance Test	ISO 5151 (Clause 5.3)
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Power Consumption Test for Cooling	IS 1391 (Part 2, Clause 9.7)
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Power Consumption Test for Heating by Heat Pump	IS 1391 (Part 2, Clause 9.8)

SCOPE OF ACCREDITATION

Laboratory Name : PSYCHROMETRIC LABORATORY, AMBER ENTERPRISES INDIA LIMITED, UNIT-6, A-1/1A, UPSIDC, INDUSTRIAL AREA, SELAQUI, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10137 **Page No** 2 of 3

Validity 13/12/2021 to 12/12/2023 **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
14	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Split Air Conditioner, Variable Capacity Split Air Conditioner (Inverter Air Conditioner)	Power Factor Test	IS 1391 (Part 2, Clause 9.3)
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Power Consumption Test for Cooling	IS 1391 (Part 1, Clause 10.8)
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Condensate Control and Enclosure Sweat Performance Test	ISO 5151 (Clause 5.5)
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Condensate Disposal Test	IS 1391 (Part 1, Clause 10.7)
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Cooling Capacity Test	IS 1391 (Part 1, Clause 10.10)
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Cooling Capacity Test	ISO 5151 (Clause 5.1)
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Enclosure Sweat Test	IS 1391 (Part 1, Clause 10.6)
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Freeze-Up Drip Performance Test	ISO 5151 (Clause 5.4)
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Freeze-Up Test	IS 1391 (Part 1, Clause 10.5)
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Heat Pump Heating Capacity Test	IS 1391 (Part 1, Clause 10.12)
24	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Heating Capacity Test	ISO 5151 (Clause 6.1)
25	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Maximum Cooling Performance Test	ISO 5151 (Clause 5.2)
26	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Maximum Operating Condition Test	IS 1391 (Part 1, Clause 10.4)
27	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Minimum Cooling, Freeze-up Air Blockage and Freeze-up Drip Performance Test	ISO 5151 (Clause 5.3)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PSYCHROMETRIC LABORATORY, AMBER ENTERPRISES INDIA LIMITED, UNIT-6, A-1/1A, UPSIDC, INDUSTRIAL AREA, SELAQUI, DEHRADUN, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10137 **Page No** 3 of 3

Validity 13/12/2021 to 12/12/2023 **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
28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Power Consumption Test for Heating by Heat Pump	IS 1391 (Part 1, Clause 10.9)
29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Fixed Capacity Window Air Conditioner, Variable Capacity Window Air Conditioner (Inverter Air Conditioner)	Power Factor Test	IS 1391 (Part 1, Clause 10.3)