National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HVAC TESTING LABORATORY, CARRIER AIRCONDITIONING & REFRIGERATION LIMITED, NARSINGHPUR KHERKI DAULA POST, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9894 **Page No** 1 of 2

Validity 22/09/2021 to 21/09/2023 **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)	Ducted & Packaged Air Conditioner	Capacity Rating Test	IS 8148
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Condensate Disposal Test	IS 8148
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Discharge Air Flow Rating	IS 8148
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Enclosure Sweat Test	IS 8148
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Freeze Up - Air Blockage Test	IS 8148
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Freeze Up - Drip Test	IS 8148
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Maximum Cooling Condition Test	IS 8148
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted & Packaged Air Conditioner	Sound Test	IS 8148
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Condensate Control and Enclosure Sweat Performance Test	ISO 5151
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Cooling Capacity Test	ISO 5151
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Freeze Up - Air Blockage Test	ISO 5151
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Freeze Up - Drip Performance Test	ISO 5151
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Maximum Cooling Performance Test	ISO 5151

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14	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air Conditioners and Heat Pumps - Testing and Rating for Performance	Minimum Cooling Performance Test	ISO 5151
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Performance Rating of Water- Chilling and Heat Pump Water- Heating Packages using the Vapor Compression Cycle	Cooling Capacity Test	AHRI 550/590 (I-P)
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Cooling Capacity Test	IS 1391 (Part 2)
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Freeze Up - Air Blockage Test	IS 1391 (Part 2)
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Freeze Up - Drip Test	IS 1391 (Part 2)
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Maximum Operating Condition Test	IS 1391 (Part 2)
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Room Discharge Air Flow Rating	IS 1391 (Part 2)
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioner)	Sound Pressure Test	IS 1391 (Part 2)
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioner (Split Air-Conditioners)	Enclosure Sweat Test	IS 1391 (Part 2)
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chilling Packages using the Vapour Compression Cycle	Cooling Capacity Test	IS 16590