National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AC TESTING LAB, COTERD SOLUTIONS (OPC) PRIVATE LIMITED, BLOCK ECOTECH VI, PLOT NO -62, SECTOR ECOTECH VI,, GREATER NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10143 **Page No** 1 of 3

Validity 17/12/2021 to 16/12/2023 **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)	Air-Conditioners	Minimum energy Performance and Energy Labeling	SASO 2663, Clause 4.1,4.2,4.3,5,7,8 and 9
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Heating Capacity Test	IS 8148, Clause 9.1
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Capacity Rating Test	IS 8148, Clause 8.1
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Condensate Disposal Test	IS 8148, Clause 8.7
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Enclosure Sweat Test	IS 8148, Clause 8.6
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Freeze up Tests	IS 8148, Clause 8.4
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Maximum Cooling Condition Test	IS 8148, Clause 8.3
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Maximum Heating Performance Test	IS 8148, Clause 9.2
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Maximum Operating Condition / Maximum Cooling performance	IS 8148, Clause 10.2
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Power Consumption	IS 8148, Clause 8.8
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-conditionrs	Sound test	IS 8148, Clause 11.0
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Capacity rating	ISO 5151 , Cl. 5.1-T1 and T3
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Capacity Rating	SASO 2681, Clause 5.1-T1 and T3

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14	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Condensate Control and Enclosure Sweat Performance	ISO 5151, Clause 5.5
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Condensate Control and Enclosure Sweat Performance	UAE.S/ISO 5151, Clause 5.5
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-Ducted Air-conditioners and Heat Pumps	Cooling Capacity Test	SASO 2681, Clause 5.1
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Cooling Capacity Test	UAE.S/ISO 5151, Clause 5.1
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Cooling Capacity Test	ISO 5151, Clause 5.1
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Cooling Performance	ISO 5151, Clause 5.2
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Cooling Performance	SASO 2681, Clause 5.2
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Cooling Performance	UAE.S/ISO 5151, Clause 5.2
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Operating Condition /Maximum Cooling Performance	ISO 5151, Clause 5.2-T1 and T3
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Operating Condition/ Maximum Cooling Performance	SASO 2681, Clause 5.2-T1 and T3
24	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Non-ducted Air-conditioners and Heat Pumps	Maximum Operating Condition/ maximum Cooling Performance	SASO 2681, Clause 6.2 T1 and T3
25	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-conditioner (Unitary Type)	Capacity Rating Test	IS 1391 Part 1, Clause 10.10
26	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Condensate Disposal	IS 1391 Part 1: Clause 10.7
27	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Enclosure Sweat Test	IS 1391 Part 1, Clause 10.6

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28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Freeze up Tests	IS 1391 Part 1, Clause 10.5
29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Maximum Operating Test Conditions	IS 1391 Part 1, Clause 10.4
30	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Power Consumption	IS 1391 Part 1, Cl.10.8
31	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Power Consumption	IS 1391 Part 1, Clause 10.9
32	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Unitary Type)	Power Factor	IS 1391 Part 1, Clause 10.3
33	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Capacity Rating Test	IS 1391 Part 2, Clause 9.9
34	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Cooling Capacity/ Capacity Rating	IS 1391 Part 2, Clause 9.9
35	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Enclosure Sweat Test	IS 1391 Part 2, Clause 9.6
36	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Freeze up Tests	IS 1391 Part 2, Clause 9.5
37	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Heat Pump Heating Capacity	IS 1391 Part 2, Clause 9.11
38	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Maximum Operating Test Conditions	IS 1391 Part 2, Clause 9.4
39	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Power Consumption	IS 1391 Part 2, Clause 9.7
40	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Power Consumption	IS 1391 Part 2, Clause 9.8
41	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Split Air-Conditioners covering Floor Standing, Cassette and Inverter types	Power Factor	IS 1391 Part 2, Clause 9.3