National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY, VOLTAS LTD., WAGHODIA, VOLTAS LIMITED, PLOT NO 1, SIDDHI INDUSTRIAL INFRASTRUCTURE PARK, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9278 **Page No** 1 of 3

Validity 22/02/2023 to 21/02/2025 **Last Amended on** 09/05/2023

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 Cooled Chiller	Cooling Capacity	IS 16590 (Clause No. 11.4.1)
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller	Part Load Performance	IS 16590 (Clause No. 6.2.4)
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller	Power Consumption	IS 16590 (Clause No. 11.4.2)
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Capacity Rating Test	IS 8148 (Clause No. 8.1)
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Condensate Disposal Test	IS 8148 (Clause No. 8.7)
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Drip Test	IS 8148 (Clause No. 8.5)
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Enclosure Sweat Test	IS 8148 (Clause No. 8.6)
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Freeze-Up Tests	IS 8148 (Clause No. 8.4)
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Maximum Cooling Conditions Test	IS 8148 (Clause No. 8.3)
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Power Consumption Test	IS 8148 (Clause No. 8.8)
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Ducted and Package Air-Conditioners	Sound Test	IS 8148 (Clause No. 11)
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Condensate Disposal Test	IS 1391 (Part 1) (Clause no. 10.7)
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Cooling Capacity Test	IS 1391 (Part 1) (Clause no. 10.10)

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14	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Enclosure Sweat Test	IS 1391 (Part 1) (Clause no. 10.6)
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Freeze-up Tests	IS 1391 (Part 1) (Clause no. 10.5)
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Maximum Operating Conditions Test for Cooling	IS 1391 (Part 1) (Clause no. 10.4)
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Power Consumption Test for Cooling	IS 1391 (Part 1) (Clause no. 10.8)
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Power Factor Test	IS 1391 (Part 1) (Clause no. 10.3)
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air Conditioners (Unitary Air Conditioners)	Sound Test	IS 1391 (Part 1) (Clause no. 10.11)
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Cooling Capacity Test	IS 1391 (Part 2) (Clause no. 9.9)
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Enclosure Sweat Test	IS 1391 (Part 2) (Clause no. 9.6)
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Freeze-up Tests	IS 1391 (Part 2) (Clause no. 9.5)
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Maximum Operating Conditions Test	IS 1391 (Part 2) (Clause no. 9.4)
24	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Power Consumption Test for Cooling	IS 1391 (Part 2) (Clause no. 9.7)
25	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Power Factor Test	IS 1391 (Part 2) (Clause no. 9.3)
26	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Room Air-Conditioners (Split Air-Conditioners)	Sound Test	IS 1391 (Part 2) (Clause no. 9.10)
27	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller	Cooling Capacity	IS 16590 (Clause No. 11.4.1)

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28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller	Part Load Performance	IS 16590 (Clause No. 6.2.4)
29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller	Power Consumption	IS 16590 (Clause No. 11.4.2)