National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : PSYCHROMETRIC LABORATORY,BLUE STAR LIMITED, VILLAGE VASURI KHURD, KHANIVALI ROAD, PALGHAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 10/11/2022 to 09/11/2024 **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 Conditioner	Cooling capacity test	UAE.S ISO 5151 Clause 5.1
2	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioner	Energy Labelling and Minimum Energy Performance Requirements	SASO 2874,Clause 4 and 5
3	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip performance test	SASO ISO 5151 Clause 5.4
4	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip test (applies to non-ducted multi-splits)	GSO ISO 15042 Clause 6.4
5	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up test	KS 2463 Clause 4.50
6	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up test	EN 14511-4 Clause 4.2.3
7	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	MAXIMUM OPERATING CONDITION TEST	GSO 1006 Clause 12
8	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test for Equipment with Optional Outdoor Cooling Coil	AHRI STANDARD 1230 (I-P) Clause 8.1.2.2
9	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling performance test	GSO ISO 13253 Clause 6.3
10	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling performance test	ISO 13253 Clause 6.3
11	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling performance test	QS.ISO 13253 Clause 6.3
12	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling performance test	SASO ISO 13253 Clause 6.3
13	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling performance test	UAE.S ISO 13253 Clause 6.3

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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)	Air Conditioners	Minimum cooling test	GSO ISO 15042 Clause 6.3
15	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling test	ISO 15042 Clause 6.3
16	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Air Blockage Test	IS 1391 Part 2 Clause 9.5.3
17	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Air Blockage Test	IS 8148 Clause 8.4.3
18	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Capacity Rating Test	IS 8148 Clause 8.1
19	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	GSO ISO 13253 Clause 6.4
20	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	GSO ISO 5151 Clause 5.5
21	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	ISO 13253 Clause 6.4
22	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	ISO 5151 Clause 5.5
23	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	QS.ISO 5151 Clause 5.5
24	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	QS.ISO 13253 Clause 6.4
25	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	SASO ISO 5151 Clause 5.5
26	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	SASO ISO 13253 Clause 6.4
27	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	UAE.S ISO 13253 Clause 6.4

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28	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control and enclosure sweat performance test	UAE.S ISO 5151 Clause 5.5
29	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control test and enclosure sweat test	ISO 15042 Clause 6.5
30	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate control test and enclosure sweat test	GSO ISO 15042 Clause 6.5
31	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test (Cooling) (Not Required for Heating-only Units)	AHRI STANDARD 340/360 (I-P) Clause 8.5
32	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test (Cooling)	AHRI STANDARD 1230 (I-P) Clause 8.1.2.5
33	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test (Cooling)* (not required for heating-only units)	AHRI STANDARD 210/240 Clause 8.6
34	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	CONDENSATE DISPOSAL TEST	GSO 1006 Clause 20
35	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	IS 8148 Clause 8.7
36	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate draining and enclosure sweat test	EN 14511-4 Clause 4.6
37	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity ratings	KS 2463 Clause 4.10
38	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	COOLING CAPACITY TEST	GSO 1006 Clause 13
39	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	GSO ISO 13253 Clause 6.1
40	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	GSO ISO 15042 Clause 6.1
41	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	GSO ISO 5151 Clause 5.1

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42	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	ISO 13253 Clause 6.1
43	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	ISO 15042 Clause 6.1
44	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	ISO 5151,Clause 5.1
45	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	QS.ISO 13253 Clause 6.1
46	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	QS.ISO 5151 Clause 5.1
47	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	SASO ISO 13253 Clause 6.1
48	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	SASO ISO 5151 Clause 5.1
49	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity test	UAE.S ISO 13253 Clause 6.1
50	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling capacity	EN 14511-3 Clause 4.1.2
51	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Low Temperature Operation Test	AHRI STANDARD 1230 (I-P) Clause 8.1.2.3
52	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Low Temperature Operation Test	AHRI STANDARD 340/360 (I-P) Clause 8.3
53	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Drip Test	IS 1391 Part 2 Clause 9.5.4
54	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Drip Test	IS 8148 Clause 8.5
55	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure sweat and condensate disposal test	KS 2463 Clause 4.40

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56	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat Test	IS 1391 Part 1 Clause 10.6
57	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	ENCLOSURE SWEAT TEST	GSO 1006 Clause 19
58	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat Test	IS 1391 Part 2 Clause 9.6
59	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Enclosure Sweat Test	IS 8148 Clause 8.6
60	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze up Test	IS 1391 Part 2 Clause 9.5
61	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze Up Test	IS 8148 Clause 8.4
62	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip performance test	GSO ISO 5151 Clause 5.4
63	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip performance test	ISO 5151 Clause 5.4
64	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip performance test	QS.ISO 5151 Clause 5.4
65	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip performance test	UAE.S ISO 5151 Clause 5.4
66	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze-up drip test (applies to non-ducted multi-splits)	ISO 15042 Clause 6.4
67	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling) (not required for heating-only units)	AHRI STANDARD 1230 (I-P) Clause 8.1.2.41
68	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Effectiveness Test (Cooling) (not required for heating-only units)	AHRI STANDARD 210/240 Clause 8.5
69	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Insulation Efficiency Test (Cooling) (Not Required for Heating-Only Units)	AHRI STANDARD 340/360 (I-P) Clause 8.4

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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
70	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low humidity cooling test and cyclic test	GSO ISO 16358-2 Clause 5.3.3
71	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low humidity cooling test and cyclic test	ISO 16358-1 Amd.1:2019 Clause 5.3.3
72	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low temperature Cooling capacity test	GSO ISO 16358-2 Clause 5.3.2
73	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low temperature Cooling capacity test	ISO 16358-1 Amd.1:2019 Clause 5.3.2
74	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Low-Temperature Operation Test (Cooling) (Not Required For Heating-only Units)	AHRI STANDARD 210/240 Clause 8.4
75	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Cooling Conditions Test	IS 8148 Clause 8.3
76	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	GSO ISO 13253 Clause 6.2
77	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	GSO ISO 15042 Clause 6.2
78	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	GSO ISO 5151Clause 5.2
79	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	ISO 13253 Clause 6.2
80	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	ISO 15042 Clause 6.2
81	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	ISO 5151 Clause 5.2
82	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	QS.ISO 13253 Clause 6.2
83	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	QS.ISO 5151 Clause 5.2

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84	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	SASO ISO 13253 Clause 6.2
85	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	SASO ISO 5151 Clause 5.2
86	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	UAE.S ISO 13253 Clause 6.2
87	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling performance test	UAE.S ISO 5151 Clause 5.2
88	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum cooling test	KS 2463 Clause 4.20
89	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Condition Test - Cooling	IS 1391 Part 2 Clause 9.4
90	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test (Cooling and Heating)	AHRI STANDARD 1230 (I-P) Clause 8.1.2.1
91	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test (Cooling and Heating)	AHRI STANDARD 340/360 (I-P) Clause 8.2
92	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Conditions Test	AHRI STANDARD 210/240 Clause 8.2
93	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling test	KS 2463 Clause 4.30
94	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling, freeze-up air blockage and freeze-up drip performance tests	GSO ISO 5151 Clause 5.3
95	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling, freeze-up air blockage and freeze-up drip performance tests	ISO 5151 Clause 5.3
96	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling, freeze-up air blockage and freeze-up drip performance tests	QS.ISO 5151 Clause 5.3
97	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling, freeze-up air blockage and freeze-up drip performance tests	SASO ISO 5151 Clause 5.3

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98	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Minimum cooling, freeze-up air blockage and freeze-up drip performance tests	UAE.S ISO 5151 Clause 5.3
99	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption Test for Cooling	IS 1391 Part 2 Clause 9.7
100	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power consumption test	IS 8148 Clause 8.8
101	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Standard Cooling capacity test	GSO ISO 16358-2 Clause 5.3.1
102	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Standard Cooling capacity test	ISO 16358-1 Amd.1:2019 Clause 5.3.1
103	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Standard Ratings	AHRI STANDARD 1230 (I-P) Clause 6.1
104	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Standard Ratings	AHRI STANDARD 210/240 Clause 6.1
105	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Standard Ratings	AHRI STANDARD 340/360 (I-P) Clause 6.1
106	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Test at maximum operating conditions (cooling mode)	EN 14511-4 Clause 4.2.2
107	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	Bahrain Energy Regulation 3223:Aug 20,Clause 4,5 & 7
108	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	GSO 2530,Clause 4,5 & 7
109	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	KUWAIT MEW/R-6,Appendix A
110	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	KWS 1893,Clause 5,6 & 8
111	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	UAE.S 5010-1:2019,Clause 4.1

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112	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Air Blockage Test	IS 1391 Part 1 Clause 10.5.3
113	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Condensate Disposal Test	IS 1391 Part 1 Clause 10.7
114	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	IS 1391 (Part 1) Clause 10.10
115	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Cooling Capacity Test	IS 1391 Part 2 Clause 9.9
116	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Drip test	IS 1391 Part 1 Clause 10.5.4
117	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	QS-SASO 2663,Clause 4.3,5 &7
118	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Energy Labelling and Minimum Energy Performance Requirements	UAE.S 5010-5,Clause 4
119	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Freeze up Test	IS 1391 Part 1 Clause 10.5
120	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Maximum Operating Condition Test - Cooling	IS 1391 Part 1 Clause 10.4
121	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Conditioners	Power Consumption Test for cooling	IS 1391 Part 1 Clause 10.8
122	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled and Water cooled Chiller Package unit	Energy Labelling and Minimum Energy Performance Requirements	SASO 2874,Clause 4 and 5
123	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled and Water cooled Chiller Package unit	Energy Labelling and Minimum Energy Performance Requirements	UAE.S 5010-5,Clause 4
124	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller Package unit	Cooling Capacity	EN 14511-2 Clause 4.2, EN 14511-3 Clause 4.1.2
125	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller Package unit	Rating Requirements	AHRI 550/590 (IP) Clause 5

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126	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller Package unit	Rating Requirements	AHRI 551/591 (SI) Clause 5
127	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Air Cooled Chiller Package unit	Rating Requirements	IS 16590, Clause 6
128	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Determination of volume	IEC62552-3 Annex H
129	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Energy consumption test	IS 7872 Clause 11.2
130	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Measurement of Freezer Storage Capacity	IS 7872 Clause 8.0
131	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	No load pull down test	IS 7872 Clause 11.1
132	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Pull Down Test	IEC 62552-2 Annex A
133	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Storage Test	IEC 62552-2 Clause 6
134	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Temperature Rise Test	IEC 62552-2 Annex C
135	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Temperature Rise test	IS 7872 Clause 11.3
136	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Thermal insulation test	IS 7872 Clause 11.6
137	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Deep Freezer (Upto 600L)	Water Vapour Condensation Test	IEC 62552-2 Annex D
138	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller Package unit	Cooling Capacity	EN 14511-2 Clause 4.2, EN 14511-3 Clause 4.1.2
139	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller Package unit	Rating Requirements	AHRI 550/590 (IP) Clause 5

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PSYCHROMETRIC LABORATORY,BLUE STAR LIMITED, VILLAGE VASURI KHURD, KHANIVALI ROAD, PALGHAR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6339	**Page No**	11 of 11
Validity	10/11/2022 to 09/11/2024	**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
140	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller Package unit	Rating Requirements	AHRI 551/591 (SI) Clause 5
141	MECHANICAL- HEATING, VENTILATING, AND AIR CONDITIONING(HVAC)	Water Cooled Chiller Package unit	Rating Requirements	IS 16590, Clause 6