National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY CR, VOLTAS LIMITED, PLOT NO 1, SECTOR-8, IIE PANTNAGAR, RUDRAPUR,, RUDRAPUR, UDAM SINGH NAGAR, UTTARAKHAND, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 25/04/2023 to 24/04/2025 **Last Amended on** 22/06/2023

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	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Annual energy consumption test	Cl. no. 10.5, IS 17681
2	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Cooling capacity test	Cl. no. 10.1.2, IS 17681
3	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Current input	Cl. no. 10.2, IS 302-1
4	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Current input	Cl. no. 10.2, IS 302-2-24
5	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Electric strength	Cl. no. 16.3, IS 302-1
6	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Electric strength at operating temperature	Cl. no. 13.3, IS 302-1
7	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Electrical insulation and leakage current at operating temperature	Cl. no. 13, IS 302-2-24
8	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Heating	Cl. no. 11, IS 302-1
9	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Heating capacity test	Cl. no. 10.4, IS 17681
10	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Insulation resistance and electric strength	Cl. no. 16, IS 302-2-24
11	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Leakage current	Cl. no. 13.2, IS 302-1
12	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Leakage current at operating temperature	Cl. no. 13.2, IS 302-1
13	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Marking on bottled water dispenser	Cl. no. 11.1, IS 17681
14	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Maximum operating condition test (environmental)	Cl. no. 10.2.1, IS 17681
15	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Maximum operating condition test at high voltage	Cl. no. 10.3.1, IS 17681
16	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Maximum operating condition test at low voltage	Cl. no. 10.3.2, IS 17681
17	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Power input	Cl. no. 10.1, IS 302-1
18	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Power input	Cl. no. 10.1, IS 302-2-24

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19	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Protection against access to live parts	Cl. no. 8, IS 302-1
20	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Protection against electric shock	Cl. no. 8, IS 302-2-24
21	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Provision for earthing	Cl. no. 27, IS 302-1
22	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Provision of earthing	Cl. no. 27, IS 302-2-24
23	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Pull-down test	Cl. no. 10.9, IS 17681
24	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Screws and connections	Cl. no. 28, IS 302-1
25	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Screws and connections	Cl. no. 28, IS 302-2-24
26	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Sound pressure level	Cl. no. 7, IS 17681
27	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Bottled water dispenser	Temperature rise	Cl. no. 11, IS 302-2-24
28	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Clearances distance	Cl. no. 29.1, IS 302-1
29	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Clearances distance	Cl. no. 29.1, IS/IEC 60335-2-89
30	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Creepage distance	Cl. no. 29.2, IS 302-1
31	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Creepage distance	Cl. no. 29.2, IS/IEC 60335-2-89
32	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Creepage distance	Cl. no. 4.1.1 (ii), BEE Schedule - 25
33	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Earthing connection	Cl. no.4.1.1 (iii), BEE Schedule - 25
34	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Electric strength at operating temperature	Cl. no. 13.3, IS 302-1
35	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Electric strength at operating temperature	Cl. no. 13.3, IS/IEC 60335-2-89
36	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Energy consumption test	Cl. no. 11.2, IS 7872
37	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	High voltage	Cl. no. 4.1.1 (iv), BEE Schedule - 25

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38	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Leakage current	Cl. no. 4.1.1 (i), BEE Schedule - 25
39	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Leakage current at operating temperature	Cl. no. 13.2, IS 302-1
40	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Leakage current at operating temperature	Cl. no. 13.2, IS/IEC 60335-2-89
41	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Marking and instruction	Cl. no. 13.1, IS 7872
42	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	No load energy consumption	Cl. no. 4.1.2 (ii), BEE Schedule - 25
43	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	No load pull down test	Cl. no. 11.1, IS 7872
44	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Protection against access to live parts	Cl. no. 8, IS 302-1
45	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Protection against access to live parts	Cl. no. 8, IS/IEC 60335-2-89
46	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Protection against electric shock	Cl. no. 4.1.1 (v), BEE Schedule - 25
47	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Provision for earthing	Cl. no. 27, IS 302-1
48	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Provision for earthing	Cl. no. 27, IS/IEC 60335-2-89
49	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Pull down time	Cl. no. 4.1.2 (i), BEE Schedule - 25
50	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Sound pressure level	Cl. no. 7, IS 7872
51	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Storage volume	Cl. no. 4.1.2 (iii), BEE Schedule - 25
52	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Deep freezer	Storage volume (net volume)	Cl. no. 8.3, IS 7872
53	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	Cooling capacity rating test	Cl. no. 7.7.3, IS 1475
54	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	High voltage test	Cl. no. 7.7.2, IS 1475
55	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	Insulation resistance test	Cl. no. 7.7.1, IS 1475
56	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	Marking and information	Cl. no. 9.1, IS 1475

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57	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	Maximum operating condition test	Cl. no. 7.7.4, IS 1475
58	ELECTRICAL- DOMESTIC ELECTRICAL APPLIANCES	Water cooler	Storage capacity test	Cl. no. 5.6.2, IS 1475