



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: Standard Testing Laboratory Pvt. Ltd.

Page No. 1 of 11

Address: Plot No -782, Kanjhawala Industrial Area, New Delhi-110081, Delhi

Certificate No.: T-0064

Issue date : 22.08.2026

Validity : 21.08.2030

Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
Discipline: Mechanical, Group: Mechanical Properties of Metal					
1.	Stainless steel Utensils	Dimension (Diameter)	20-500mm	IS: 14756 Annex-B	Permanent
2.	Stainless steel Utensils	Dimension (Height)	10-100mm	IS: 14756 Annex-B	Permanent
3.	Stainless steel Utensils	Permissible in thickness of SS lid, mm	0.2-4mm	IS: 14756 Table-1 & 2	Permanent
4.	Stainless steel Utensils	Reduction in the thickness of the SS lid, mm	0.2-4mm	IS: 14756 Table-1 & 2	Permanent
5.	Stainless steel Utensils	Tensile strength, MPa	50-500MPa	IS: 1608(Pt-1)	Permanent
6.	Stainless steel Utensils	Apparent yield strength, MPa	50-500MPa	IS: 1608(Pt-1)	Permanent
7.	Stainless steel Utensils	T-peel strength, N/mm	5-50 N/mm	IS: 18755	Permanent
8.	Stainless steel Utensils	Tri ply thickness, mm	2-5mm	IS: 14756 CI 9.1	Permanent
9.	Stainless steel Utensils	Surface finish	Qualitative	IS: 18755	Permanent
10.	Stainless steel Utensils	Workmanship finish & appearance	Qualitative	IS: 18755	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
				Cl. 11	
11.	Stainless steel Utensils	Thickness of 3 ply finished utensils	0.2-4mm	IS: 14756 Cl 9.1	Permanent
12.	Stainless steel Utensils	Permissible Reduction in the thickness of 3 ply finished Utensils	0.2-4mm	IS: 14756	Permanent
13.	Stainless steel Utensils	Thickness of Glass lid, mm	2-5mm	IS: 14756 Cl 3.5	Permanent
14.	Stainless steel Utensils	Thickness of SS Rim, mm	0.2-2mm	IS: 14756 Cl 3.5	Permanent
15.	Stainless steel Utensils	Fragmentation test	Qualitative	IS: 2347	Permanent
16.	Stainless steel Utensils	Ball drop test	Qualitative	IS: 2347	Permanent
17.	Stainless steel Utensils	Thermal shock test	Qualitative	IS: 2347	Permanent
18.	Stainless steel Utensils	Free fall test glass lid with rim	Qualitative	IS: 2347	Permanent
19.	Stainless steel Utensils	Free fall test glass lid without rim	Qualitative	Qualitative	Permanent





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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
20.	Stainless steel Utensils	Thickness of sheet and bottom, mm	0.2-4mm	IS: 14756	Permanent
21	Stainless steel Utensils	Permissible Reduction in thickness of the finished utensils	0.2-4mm	IS: 14756	Permanent
22	Stainless steel Utensils	Thickness of aluminum disc /core/protector/cowl for composite bottom	1-5mm	IS: 14756 CI 4.4	Permanent
23	Stainless steel Utensils	Workmanship and finish	Qualitative	IS: 14756 CI 5.1,5.2,5.6	Permanent
24	Stainless steel Utensils	Visual defect	Qualitative	IS: 9730	Permanent
25	Stainless steel Utensils	Thickness	10-500micron	IS: 9730 CI 4.3	Permanent
26	Stainless steel Utensils	Nonstick quality	Qualitative	IS: 9730	Permanent
27	Stainless steel Utensils	Salt water corrosion resistance test	Qualitative	IS: 9730	Permanent
28	Stainless steel Utensils	Adhesion test	Qualitative	IS: 9730	Permanent
29	Stainless steel Utensils	Bending strength	Qualitative	IS: 13395	Permanent
30	Stainless steel Utensils	Torque strength	Qualitative	IS: 13395	Permanent
31	Stainless steel Utensils	Impact strength	Qualitative	IS: 13395	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
32	Stainless steel Utensils	Fatigue strength	Qualitative	IS: 13395	Permanent
33	Stainless steel Utensils	Leakage	Qualitative	IS: 13395	Permanent
34	Stainless steel Utensils	Thermal Insulation	Qualitative	IS: 13395	Permanent
35	Stainless steel Utensils	Heat resistance	Qualitative	IS: 13395	Permanent
36	Stainless steel Utensils	Washing resistance	Qualitative	IS: 13395	Permanent
37	Stainless steel Utensils	Burning resistance	Qualitative	IS: 13395	Permanent
38	Stainless steel Utensils	Staining test @ 16 hrs. Glacial acetic acid	Qualitative	IS: 14756	Permanent
39	Stainless steel Utensils	Staining test @ 16 hrs. Sodium chloride	Qualitative	IS: 14756	Permanent
40	Stainless steel Utensils	Mechanical/ shock/ for cladded utensils)	Qualitative	IS: 14756	Permanent
41	Stainless steel Utensils	Thermal shock test (for cladded utensils)	Qualitative	IS: 14756	Permanent
42	Stainless steel Utensils	Dry heat test (for cladded utensils)	Qualitative	IS: 14756	Permanent
43	Stainless steel Utensils	Coating thickness test/ for copper deposit Thickness	0-2000micron	IS: 14756	Permanent
44	Stainless steel Utensils	Coating thickness test/ for copper deposit Visual observation	Qualitative	IS: 14756	Permanent
45	Stainless steel Utensils	Nominal capacity test Nominal capacity	50-50000ml	IS: 14756	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
46	Stainless steel Utensils	Dimension (Diameter)	20-500mm	IS: 14756 Annex B	Permanent
47	Domestic Gas Stove and built in Hob for use with LPG Specification	Construction	Qualitative	IS: 4246/IS:5116	Permanent
48	Domestic Gas Stove and built in Hob for use with LPG Specification	Gas leak detector	Qualitative	IS: 4246	Permanent
49	Domestic Gas Stove and built in Hob for use with LPG Specification	Gas soundness	Qualitative	IS: 5116	Permanent
50	Domestic Gas Stove and built in Hob for use with LPG Specification	Nozzle Dimension	2.0 -40 mm	IS: 5116 CI 18.2 Fig 7	Permanent
51	Domestic Gas Stove and built in Hob for use with LPG Specification	Packing	Qualitative	IS: 4246	Permanent
52	Domestic Gas Stove and built in Hob for use with LPG Specification	Shape of nozzle (Dimension)	5-50mm	IS: 5116 CI 18.2 Fig 7	Permanent
53	Domestic Gas Stove and built in Hob for use	wall thickness of main gas rail	1-3mm	IS: 4246 CI 14.6	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
	with LPG Specification				
54	Domestic Gas Stove and built in Hob for use with LPG Specification	Combustion (determination of carbon monoxide/carbon dioxide ratio)	0-0.5%	IS: 4246 Annexure-E	Permanent
55	Domestic Gas Stove and built in Hob for use with LPG Specification	Design for maintenance	Qualitative	IS: 4246	Permanent
56	Domestic Gas Stove and built in Hob for use with LPG Specification	Flame stability	Qualitative	IS: 4246	Permanent
57	Domestic Gas Stove and built in Hob for use with LPG Specification	Flash Black	Qualitative	IS 4246	Permanent
58	Domestic Gas Stove and built in Hob for use with LPG Specification	Formation of soot	Qualitative	IS:4246	Permanent
59	Domestic Gas Stove and built in Hob for use with LPG Specification	Gas consumption test	20-90ltr	IS:4246	Permanent
60	Domestic Gas Stove and built in Hob for use with LPG	Gas soundness	Qualitative	IS: 4246	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
	Specification				
61	Domestic Gas Stove and built in Hob for use with LPG Specification	Ignition & flame travel	Qualitative	IS: 4246	Permanent
62	Stove and built Domestic Gas Stove and built in Hob for use with LPG Specification	Injector Jets (Dimension)	0.3-10mm	IS: 4246 Cl 10.0	Permanent
63	Domestic Gas Stove and built in Hob for use with LPG Specification	Noise control	Qualitative	IS: 4246	Permanent
64	Domestic Gas Stove and built in Hob for use with LPG Specification	Resistance to draught	Qualitative	IS: 4246	Permanent
65	Domestic Gas Stove and built in Hob for use with LPG Specification	Rigidity and stability	Qualitative	IS: 4246	Permanent
66	Domestic Gas Stove and built in Hob for use with LPG Specification	Thermal Efficiency	10-90%	IS: 4246 Annexure-F	Permanent
67	Domestic Gas Stove and built in Hob for use with LPG Specification	Fire hazard & limiting temperature Wall and floor temp.	1-70°C	IS: 5116	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
68	Domestic Gas Stove and built in Hob for use with LPG Specification as	Fire hazard & limiting temperature Temp of a point from top of pan support	10-500°C	IS: 4246	Permanent
69	Domestic Pressure Cooker	Gross Capacity	1-25 litre	IS: 2347 Annexure-B	Permanent
70	Domestic Pressure Cooker	Body Capacity	1-25 litre	IS: 2347 Annexure-B	Permanent
71	Domestic Pressure Cooker	Steam leakage test in safety relief device	Qualitative	IS: 2347 Annexure-F	Permanent
72	Domestic Pressure Cooker	Safety Relief Device	Qualitative	IS:7466	Permanent
73	Domestic Pressure Cooker	Construction	Qualitative	IS: 2347	Permanent
74	Domestic Pressure Cooker	pressure regulating device	Qualitative	IS: 2347	Permanent
75	Domestic Pressure Cooker	Safety regulating device	Qualitative	IS: 2347	Permanent
76	Domestic Pressure Cooker	Test of handle	Qualitative	IS: 2347	Permanent
77	Domestic Pressure Cooker	Selection & size	Qualitative	IS:13395	Permanent
78	Domestic Pressure Cooker	Position of handle & knob with respect to cookware	Qualitative	IS:13395	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
79	Domestic Pressure Cooker	Resistance to burning	Qualitative	IS:2347	Permanent
80	Domestic Pressure Cooker	Heat Resistance	Qualitative	IS:2347	Permanent
81	Domestic Pressure Cooker	Torque Strength	Qualitative	IS:13395	Permanent
82	Domestic Pressure Cooker	Bending Strength	Qualitative	IS:13395	Permanent
83	Domestic Pressure Cooker	Impact strength	Qualitative	IS:13395	Permanent
84	Domestic Pressure Cooker	Fatigue resistance	Qualitative	IS:2347	Permanent
85	Domestic Pressure Cooker	Thermal insulation	Qualitative	IS:2347	Permanent
86	Domestic Pressure Cooker	Thickness of glass lid	2-5 mm	IS:2347 Cl. 5.10	Permanent
87	Domestic Pressure Cooker	Thickness of rim	0.2-2mm	IS:2347 Cl. 5.10	Permanent
88	Domestic Pressure Cooker	Internal level of marking	Qualitative	IS: 2347	Permanent
89	Domestic Pressure Cooker	Workmanship and finish	Qualitative	IS:2347 Cl 7.1,7.2	Permanent
90	Domestic Pressure Cooker	Air Pressure test	Qualitative	IS: 2347	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
91	Domestic Pressure Cooker	Proof Pressure test	Qualitative	IS: 2347 Annexure F	Permanent
92	Domestic Pressure Cooker	Operating test for pressure regulating device	Qualitative	IS: 2347 Annexure D	Permanent
93	Domestic Pressure Cooker	Test for safety relief device	Qualitative	IS: 2347 Annexure H, G	Permanent
94	Domestic Pressure Cooker	Bursting pressure test	Qualitative	IS: 2347 Annexure J	Permanent
95	Domestic Pressure Cooker	Test for removal of lid under pressure for outer lid cooker	Qualitative	IS: 2347 Annexure K	Permanent
96	Domestic Pressure Cooker	Test for removal of lid under pressure for inner lid cooker	Qualitative	IS: 2347 Annexure L	Permanent
97	Domestic Pressure Cooker	Test for cooker fastened by screw clamp or any other locking device	Qualitative	IS: 2347 Annexure T	Permanent
98	Domestic Pressure Cooker	Test for spring loaded mechanism test	Qualitative	IS: 2347	Permanent
99	Domestic Pressure Cooker	Test for stainless sheet, aluminum induction compatible base and 3 ply cookers	Qualitative	IS:2347 Annexure M	Permanent
100	Domestic Pressure Cooker	Thermal shock test (cooker)	Qualitative	IS: 2347 Annexure R	Permanent



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Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement / detection limit	Standard specifications/ Equipment/Techniques used	Facility
101	Domestic Pressure Cooker	External Coating	Qualitative	IS:2347/IS:9730	Permanent
102	Domestic Pressure Cooker	Internal coating (non-stick)	Qualitative	IS:2347/IS:9730	Permanent
103	Domestic Pressure Cooker	Test for adhesion of 3ply construction cooker body	Qualitative	IS: 2347 Annexure R	Permanent
104	Domestic Pressure Cooker	Test on tempered glass lid Fragmentation test	Qualitative	IS:2347	Permanent
105	Domestic Pressure Cooker	Test on tempered glass lid Ball drop test	Qualitative	IS:2347	Permanent
106	Domestic Pressure Cooker	Thermal shock test	Qualitative	IS:2347	Permanent
107	Domestic Pressure Cooker	Free fall test	Qualitative	IS:2347	Permanent
108	Domestic Pressure Cooker	Glass lid with rim	Qualitative	IS:2347	Permanent
109	Domestic Pressure Cooker	Glass lid without rim	Qualitative	IS:2347	Permanent
110	Domestic Pressure Cooker	Test for effectiveness of induction bottom	Qualitative	IS:2347 Annexure S	Permanent



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