

**BUREAU OF INDIAN STANDARDS  
CENTRAL LABORATORY, SAHIBABAD**

**Scope of IS 302 part 1: 2008 in CL**

<b>Indian Standard</b>	IS 302 part 1: 2008
<b>Electrical Appliance for which test facility available in CL</b>	Illustrative list of appliances is attached in ANNEXURE- 01. Any other appliances not mentioned in the list may also be sent to lab after prior confirmation.
	<ul style="list-style-type: none"><li>1. Electric power supply: Single phase only</li><li>2. Load capacity: Up to 5 KW only</li><li>3. Maximum size of appliance: 900 X 900 X 900 mm.</li></ul>
<b>Sample Size</b>	3+ 1 (Short Circuited piece (if applicable))
<b>Exclusions</b>	Cl.19.11, Cl.19.12, Cl.24, Cl.32
<b>Testing Charges</b>	Rs. 17000/- only

## Annexure- 01

**List of electrical appliances for which test facility available in CL.**

Sl. No	Electrical Appliance	Corresponding IS for part 2	Title of Standard
1	Vacuum Cleaners and Water Suction Cleaning Appliances	IS 302 (Part 2/ Sec 2)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 2 vacuum cleaners and water suction cleaning appliances
2	Spin Extractors	IS 302 (Part 2/ Sec 4)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 4 spin extractors
3	Cooking Ranges, Hobs, Ovens and Similar Appliances	IS 302 (Part 2/ Sec 6)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 6 cooking ranges, hobs, ovens and similar appliances (First Revision)
4	Tumbler Dryers	IS 302 (Part 2/ Sec 11)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 11 tumbler dryers
5	Warming Plates and Similar Appliances	IS 302 (Part 2/ Sec 12)	Safety of household and similar electrical appliances - Specification: Part 2 particular requirements: Sec 12 warming plates and similar appliances
6	Appliances for Heating Liquids	IS 302 (Part 2/ Sec 15)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 15 appliances for heating liquids (First Revision)
7	Massage Appliances	IS 302 (Part 2/ Sec 32)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 32 massage appliances
8	Electric Heating Tools	IS 302 (Part 2/ Sec 45)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 45 electric heating tools
9	Electric Steam Cookers	IS 302 (Part 2/ Sec 15)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 15 appliances for heating liquids (First Revision)

10	Electric Call Bells and Buzzers for Indoor Use	IS 302 (Part 2/ Sec 203)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 203 electric call bells and buzzers for indoor use
11	Electric Water Boilers	IS 302 (Part 2/ Sec 204)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 204 electric water boilers
12	Electric Coffee Makers	IS 302 (Part 2/ Sec 206)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 206 electric coffee makers
13	Electric Bean Slicers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
14	Electric Berryjuice Extractors	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
15	Electric Can Openers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
16	Electric Centrifugal Juicers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
17	Electric Churns	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
18	Electric Citrusfruit Squeezers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
19	Electric Coffee Mills not exceeding 500g hopper capacity	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)

20	Electric Cream Whippers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
21	Electric Egg Beaters	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
22	Electric Food Processors	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
23	Electric Grain Grinders not exceeding 3l hopper capacity	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
24	Electric Graters	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
25	Electric IceCream Machines, including those for use in refrigerators and freezers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
26	Electric Knife Sharpeners	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
27	Electric Knives	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
28	Electric Noodle Makers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First

			Revision)
29	Electric Potato Peelers	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
30	Electric Shredders	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
31	Electric Sieving Machines	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
32	Slicing Machines	IS 302 (Part 2/ Sec 14)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 14 electric kitchen machines (First Revision)
33	Electric Hot Plates	IS 302 (Part 2/ Sec 9)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 207 electric hot plates
34	Single Walled Baking Ovens	IS 302 (Part 2/ Sec 208)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 208 single walled baking ovens
35	Low Speed Food Grinding Machines	IS 302 (Part 2/ Sec 209)	Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 209 low speed food grinding machines
36	Electrical Shavers Hair, Clippers and Similar Appliances	IS 302 (Part 2/ Sec 8)	Safety of household and similar electrical appliances: part 2 particular requirements, section 8 electrical shavers hair, clippers and similar appliances
37	Frying Pans, Deep Fat Fryers and similar appliances	IS 302 (Part 2/ Sec 13)	Household and Similar Electrical Appliances – Safety Part 2 Particular Requirements Section 13 Deep Fat

			Fryers, Frying Pans and Similar Appliances (First Revision)
38	Insect Killers	IS 302 (Part 2/ Sec 59)	Household and Similar Electrical Appliances – Safety Part 2 Particular Requirements Section 59 Insect Killers (First Revision)
39	Commercial Electric Forced Convection Ovens, Steam Cookers and Steam - Convection Ovens	IS 302 (Part 2/ Sec 42)	Household and similar electrical appliances - Safety Part 2 Particular Requirements Section 42 Commercial Electric Forced Convection Ovens, Steam Cookers and Steam-Convection Ovens
40	Dishwashers	-	-
41	Floor Treatment Machines and Wet Scrubbing Machines	-	-
42	Food Waste Disposers	-	-
43	Blankets, Pads, Clothing and Similar Flexible Heating Appliances	-	-
44	Appliances for Skin Exposure to Optical Radiation	-	-
45	Commercial Electric Cooking Ranges, Ovens, Hobs and Hob Elements	-	-
46	Commercial Electric Doughnut Fryers and Deep Fat Fryers	-	-
47	Commercial Electric Griddles and Griddle Grills	-	-
48	Commercial Electric Multi-purpose Cooking Pans	-	-

49	Electric Forced Convection Ovens, Steam Cookers and Steam Convection Ovens	-	-
50	Clothes Dryers and Towel Rails	-	-
51	Commercial Electric Boiling Pans	-	-
52	Commercial Electric Grillers and Toasters	-	-
53	Commercial Electric Appliances for keeping Food and Crockery Warm	-	-
54	Commercial Electric Bains- Marie	-	-
55	Oral Hygiene Appliances	-	-
56	Sauna Heating Appliances and Infrared Cabins	-	-
57	Surface-Cleaning Appliances for Household use Employing Liquids or Steam	-	-
58	Electrical Appliances for use with Aquariums and Garden Ponds	-	-
59	Commercial Electric Dishwashing Machines	-	-
60	Whirlpool Baths and Whirlpool Spas	-	-
61	Thermal Storage Room Heaters	-	-

62	Commercial Electric Rinsing Sinks	-	-
63	Commercial Electric Kitchen Machines	-	-
64	Air-Cleaning Appliances	-	-
65	Water-Bed Heaters	-	-
66	Fixed Immersion Heaters	-	-
67	Outdoor Barbecues	-	-
68	Foot Warmers and Heating Mats	-	-
69	Amusement Machines and Personal Service Machines	-	-
70	Toilet Appliances	-	-
71	Fabric Steamers	-	-
72	Drives for Vertically Moving Garage Doors for Residential Use	-	-
73	Humidifiers	-	-
74	Commercial Electric Hoods	-	-
75	Vaporizers	-	-

76	Gas, Oil and Solid-Fuel-Burning Appliances Having Electrical Connections	-	-
77	Electrolysers	-	-
78	Beauty Care Appliances Incorporating Lasers and Intense Light Sources	-	-
79	Personal-e Transporters	-	-
80	Skin Beauty Care-Appliances	-	-
81	Wet grinder for domestic use		
82	Furniture with Electrically-Motorized Parts	-	-
83	Commercial Vacuum-Packaging Appliances	-	-
84	Electric Hand Lamps		
85	Hand held electric-Engraving Tools	-	-