

Detail of Testing Activity

Centre Name:NTSC,RAJPURA

S.No.	Sample Description	Test Details	Applicable Test Std.	NABL Accreditation	Duration (Days)*	Test Charges (₹)	Applicable GST (₹)	Total(₹)	Remarks
			IS/ BS, etc.	Yes/ No					
1	Electric Dry, Steam Iron	Classification and Rating (Cl 6 of IS 302-2-3 : 2007) Marking & Instructions of IS: 302-2-3: 2007) Power Input and Current (C1 10 of IS: 302-2-3: 2007) Temperature rise/Heating (C1 11 of IS: 302-2-3: 2007) & IS: 302-1: 2008) Leakage Current & Electrical Strength at Operating Temperature. (C1 13 of IS: 302-2-3: 2007) Transient Over Voltage Cl.14 IS: 302-2-3 : 2007) Moisture Resistance Test. Cl.15 IS: 302-2-3 : 2007) Leakage Current & Electrical Strength Cl.16 of IS: 302-2-3: 2007) Overload Protection of Transformer and Associated Circuit. (C1 17 of IS: 302-2-3 : 2007) Endurance (C1 18 of IS: 302-2-3 : 2007) Abnormal Operation (C1 19 of IS: 302-2-3 : 2007) Stability & Mechanical Hazards (C1 20 of IS: 302-2-3: 2007) Mechanical Strength (C1 21 of 302-2-3: 2007) Construction (C1.22 of IS: 302-2-3 : 2007) Internal Wiring (C1 23 of IS: 302-2-3: 2007) Components (C1 24 of IS: 302-2- 3 : 2007) Supply Connection & External Flexible Cords (C1 25 of IS: 302-2-3 : 2007) Terminals for External Conductors(C1 26 of IS: 302-2-3: 2007) Provision for Earthing (C1 27 of IS: 302-2-3: 2007) Screws & Connections (C1. 28 of IS: 302-2-3: 2007) Clearances, Creepage Distances & Solid Insulation (Cl 29 of IS: 302-2-3 : 2007) Resistance to Heat & Fire (C1 30 of IS: 302-2-3 : 2007) Resistance to Rusting (C1 31 of IS: 302-2-3 : 2007) Radiation, Toxicity, and Similar Hazards Cl. 32 of IS: 302-2-3 : 2007) Measurement of Heating up Time(C1 10 IS: 366-1991) Measurement of Sole Plate Temp. (C1 11 of IS: 366-1991) Measurement of Temperature Distribution (C1 12 of IS: 366-1991) Initial Over Swing Temp. & Heating up Excess Temp. (For thermostatic iron only)(C1 13 of IS: 366-1991) Cyclic Fluctuation of Temp. of Hottest Spot (for thermostatic iron only) (C1 14 of IS: 366-1991) Measurement of Temperature Drop Under Load (C1 15 of IS: 366-1991)	IS:366-1991	Yes	46 Days	Rs:16500/-	18%	Rs.19,470/-	
			&302-2-3:2007	Yes	46 Days	RS:8250/-	18%	Rs.9735/-	

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			IS/ BS, etc.	Yes/ No					
2	Electric Food Mixer Grinder/Juicer	Rating (Cl 5) Classification (C1 6) Marking & instruction (C1 7) Classification (C1 6) Marking & instruction (C1 7) Protection Against Access to Live Parts. (C1 8) Starting (C1 9) Input (C1 10) Temperature rise (C1 11) Electrical insulation & leakage current at operating temp. (C1 13) Radio & Television Interference Suppression Test (CL 14) Moisture Resistance Test (Cl 15) Electrical insulation resistance & Electric strength (After humidity treatment) (Cl 16) Abnormal Operation (C1 19) Stability & Mechanical Hazards (Cl 20) Mechanical strength (Cl 21) Construction (C1 22) Internal Wiring (C1 23) Components (C1 24) Supply Connection & External Flexible Cable & Cords (Cl 25) Terminals for external conductors(CI 26) Provisions for Earthing connection (C1 27) Screws & Connections (Cl 28) Creepage distances & clearances and distances through insulation (C1 29) Resistance to heat, fire (C1 30) Resistance to rusting (C1 31) Temperature withstand test for bowl (Cl 35) Test for controls (C1 36) Strength of Assembly (C1 37)	IS:4250:1980	Yes	46 Days	Rs:7800/-	18%	Rs.9204/-	

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			IS/ BS, etc.	Yes/ No					
4	Immersion Water Heater	Classification and Rating (Cl 6) Marking & Instructions(C1 7) Protection Against Access to Live Parts. (C1 8) Power Input and Current (C1 10) Temperature rise/Heating (Cl 11) Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage Cl. Moisture Resistance Test. Cl. Leakage Current & Electrical Strength Cl.16 Overload Protection of Transformer and Associated Circuit. (C1 17) Endurance (C1 18) Abnormal Operation (C1 19) Stability & Mechanical Hazards (Cl 20) Mechanical Strength (C1 21) Construction (C1.22) Internal Wiring (C1 23) Components (C1 24) Supply Connection & External Flexible Cords (C1 25) Terminals for External Conductors(C1 26) Provision for Earthing (C1 27) Screws & Connections (C1. 28) Clearances, Creepage Distances & Solid Insulation (Cl 29) Resistance to Heat & Fire (C1 30) Resistance to Rusting (C131) Radiation, Toxicity, and Similar Hazards Cl.. 32 Endurance Test Cl.11 of IS:368-1992 Finish Test Cl.12 of IS:268-1992	IS:368-1992	Yes	46 Days	Rs:12000/- Up to 1KW &Rs:13570 for more than 1KW	18%	Rs:14160/- Up to 1KW &Rs:16012/- for more than 1KW	
			&302-201:2008	Yes	25 Days	Rs:7500 /- Up to 1KW	18%	Rs:8850 /- Up to 1KW	
						Rs:8700/- for more than 1KW	18%	& Rs:10266/- for more than 1KW	

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			IS/ BS, etc.	Yes/ No					
5	Mineral filled sheathed Heating Element	Classification and Rating (CI 6 Marking & Instructions(CI 7 Protection Against Access to Live Parts. (C1 8 Power Input and Current (C1 10 Temperature rise/Heating (CI 11 Operation Under over load Condition of appliances CI .12 Leakage Current & Electrical Strength at Operating Temperature. (C1 13 Transient Over Voltage Cl. Moisture Resistance Test. Cl. Leakage Current & Electrical Strength Cl.16 Overload Protection of Transformer and Associated Circuit. (C1 17) Endurance (C1 18 Abnormal Operation (C1 19 Stability & Mechanical Hazards (CI 20 Mechanical Strength (C1 21 Construction (C1.22 Internal Wiring (C1 23 Components (C1 24 Supply Connection & External Flexible Cords (C1 25 Terminals for External Conductors(C1 26 Provision for Earthing (C1 27 Screws & Connections (C1. 28 Clearances, Creepage Distances & Solid Insulation (CI 29 Resistance to Heat & Fire (C1 30) Resistance to Rusting (C131 Radiation, Toxicity, and Similar Hazards Cl.. 32	IS:4159:2002	Yes	46 Days	Rs:11250/- Up to 1KW & Rs:12570 for more than 1KW	18%	Rs:13275/- Up to 1KW & Rs:14832 for more than 1KW	

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			IS/ BS, etc.	Yes/ No					
6	Storage water heater	Classification and Rating (CI 6 Marking & Instructions(CI 7 Protection Against Access to Live Parts. (CI 8 Power Input and Current (CI 10 Temperature rise/Heating (CI 11 Operation Under over load Condition of appliances CI .12 Leakage Current & Electrical Strength at Operating Temperature. (CI 13 Transient Over Voltage CI. Moisture Resistance Test. CI. Leakage Current & Electrical Strength CI.16 Overload Protection of Transformer and Associated Circuit. (CI 17) Endurance (CI 18 Abnormal Operation (CI 19 Stability & Mechanical Hazards (CI 20 Mechanical Strength (CI 21 Construction (CI.22 Internal Wiring (CI 23 Components (CI 24 Supply Connection & External Flexible Cords (CI 25 Terminals for External Conductors(CI 26 Provision for Earthing (CI 27 Screws & Connections (CI. 28 Clearances, Creepage Distances & Solid Insulation (CI 29 Resistance to Heat & Fire (CI 30) Resistance to Rusting (CI31 Radiation, Toxicity, and Similar Hazards CI.. 32 Actual capacity CI 15 of IS 2082:1992 Standing loss (CI 16 of IS 2082:1993 Hot water output(CI .17 of IS 2082 :1993 Reheating Time (CI .18 of IS 2082 :1993 Mixing factor (CI .19 of IS 2082 :1993	IS:2082-1993 & 302-2-21:2011	Yes	46 Days	Rs:18750/-	18%	Rs.22,125/-	

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			IS/ BS, etc.	Yes/ No					
7	Electric Instantaneous Water Heater	Classification and Rating (C1 6) Marking & Instructions(C1 7) Protection Against Access to Live Parts. (C1 8) Power Input and Current (C1 10) Temperature rise/Heating (C1 11) Operation Under over load Condition of appliances Cl .12 Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage Cl. Moisture Resistance Test. Cl. Leakage Current & Electrical Strength Cl.16 Overload Protection of Transformer and Associated Circuit. (C1 17) Endurance (C1 18) Abnormal Operation (C1 19) Stability & Mechanical Hazards (C1 20) Mechanical Strength (C1 21) Construction (C1.22) Internal Wiring (C1 23) Components (C1 24) Supply Connection & External Flexible Cords (C1 25) Terminals for External Conductors(C1 26) Provision for Earthing (C1 27) Screws & Connections (C1. 28) Clearances, Creepage Distances & Solid Insulation (C1 29) Resistance to Heat & Fire (C1 30) Resistance to Rusting (C131) Radiation, Toxicity, and Similar Hazards Cl.. 32 Finish Test C1 10 of IS : 8978:1992 Operation of flow switch Cl 11 of IS : 8978:1992 Endurance Test Cl 12 of IS : 8978:1992	IS:8978-1993& 302-2-35:2011	Yes	46 Days	Rs:12750/-	18%	Rs.15045/-	

*It includes the time for sending samples from Collection point to the Centre, where actual testing will be done.