



**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					
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(Cl 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:8000/-	18%	Rs.9440/-	

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			IS/ BS, etc.	Yes/ No					
3	Electric Room 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 Temperature of surface Cl 10 of IS:369-1992 Endurance Test Cl.11 of IS:369-1992 Finish Test Cl.13 of IS:369-1992	302-2-30:2007	Yes	46/120 Days	RS:11000 /-	18%	Rs:12980	

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			IS/ BS, etc.	Yes/ No					
4	Immersion 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 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 Endurance Test Cl.11 of IS:368 Finish Test Cl 13 of IS:368-1992	IS:368-1992 &302-2-201:2008	Yes	46 Days	Rs 14000/-	18%	Rs 16520/-	

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			IS/ BS, etc.	Yes/ No					
5	Mineral filled sheathed Heating Element	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 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 (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	IS:4159:2002	Yes	46 Days	Rs:12000/-	18%	Rs:14160/-	

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			IS/ BS, etc.	Yes/ No					
6	Storage 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 C1 .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 Actual capacity C1 15 of IS 2082:1992 Standing loss (C1 16 of IS 2082:1993) Hot water output(C1 .17 of IS 2082 :1993) Reheating Time (Cl .18 of IS 2082 :1993) Mixing factor (Cl .19 of IS 2082 :1993)	IS:2082-1993 & 302-2-21:2011	Yes	46 Days	Rs:15000/-	18%	Rs.17700/-	

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			IS/ BS, etc.	Yes/ No					
7	Electric Instantaneous 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 (CI 31) Radiation, Toxicity, and Similar Hazards CI.. 32 Finish Test CI 10 of IS : 8978:1992 Operation of flow switch CI 11 of IS : 8978:1992 Endurance Test CI 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.

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			IS/ BS, etc.	Yes/ No					
8	Electric Hand Blender	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 (C1 12) Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage (C1 14) Moisture Resistance Test. (C1 15) Leakage Current & Electrical Strength (C1 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 (C1 31) Radiation, Toxicity, and Similar Hazards (C1 32)	IS:302-2-14:2009	Yes	46 Days	Rs:10000/-	18%	Rs.11800/-	

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			IS/ BS, etc.	Yes/ No					
9	Electric Food Processor	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 (C1 12) Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage (C1 14) Moisture Resistance Test. (C1 15) Leakage Current & Electrical Strength (C1 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 (C1 31) Radiation, Toxicity, and Similar Hazards (C1 32)	IS:302-2-14:2009	Yes	46 Days	Rs:10000/-	18%	Rs.11800/-	

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

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			IS/ BS, etc.	Yes/ No					
10	Electric Contact Griller & Toaster	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 (C1 12) Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage (C1 14) Moisture Resistance Test. (C1 15) Leakage Current & Electrical Strength (C1 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 (C1 31) Radiation, Toxicity, and Similar Hazards (C1 32)	IS:302-2-9:2009	Yes	46 Days	Rs:13000/-	18%	Rs.15340/-	

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

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			IS/ BS, etc.	Yes/ No					
11	Low Speed Food Grinding Machine	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 (C1 12) Leakage Current & Electrical Strength at Operating Temperature. (C1 13) Transient Over Voltage (C1 14) Moisture Resistance Test. (C1 15) Leakage Current & Electrical Strength (C1 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 (C1 31) Radiation, Toxicity, and Similar Hazards (C1 32)	IS:302-2-209:1994	Yes	46 Days	Rs:25000/-	18%	Rs.29500/-	

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

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			IS/ BS, etc.	Yes/ No					
12	Electric Kettle	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 (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 (C1 29)Resistance to Heat & Fire (C1 30)Resistance to Rusting C131)Radiation, Toxicity, and Similar Hazards . C111)Overall Dimensions C112 Mass C113 Water Capacity C114 Time to boil one litre of Water C115 Time to boil water Capacity C116 Minimum Quantity of Water That can be Boiled C117 Temperature of supporting surface C118 Thermal Efficiency C119 Endurance Test C120 Finish	IS:302-2-15 :2009 & IS : 367 : 1993	Yes	46 Days	Rs:15000/-	18%	Rs.17700/-	

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